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USAFETAC/DS-78-006

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LEVEL II

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT DEVENS AAF MASS WEAN# 04779
N 42 34 W 071 36 FLD ELEV 268 FT AYE WMO#

PARTS A-F

POR FROM HOURLY OBS: OCT 60-SEP 63, JAN 74-DEC 76
POR FROM DAILY OBS: OCT 60-SEP 63, JAN 74-DEC 76

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Review and Approval Statement

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This technical report has been reviewed and is approved for publication.

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UNCLASSIFIED SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)		REPORT INFORMATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
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20. KEY WORDS (Continue on reverse side if necessary and identify by block number)																				
<table border="0"> <tr> <td>*RUSSWO</td> <td>Relative humidity</td> <td>*Climatological data</td> </tr> <tr> <td>Snowfall</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Climatology</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>*Massachusetts</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility (over)</td> </tr> </table>						*RUSSWO	Relative humidity	*Climatological data	Snowfall	Daily temperature	Atmospheric pressure	Climatology	Extreme snow depth	Extreme surface winds	*Massachusetts	Sea-level pressure	Psychrometric summary	Surface winds	Extreme temperature	Ceiling versus visibility (over)
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*Massachusetts	Sea-level pressure	Psychrometric summary																		
Surface winds	Extreme temperature	Ceiling versus visibility (over)																		
21. ABSTRACT (Continue on reverse side if necessary and identify by block number)																				
<p>This six-part statistical summary of surface weather observations for Fort Devens AAF, Massachusetts contains the following parts: (A) weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface Winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb, and dew-point temperatures, and relative (over)</p>																				

DD FORM 1473 JAN 73

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UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. **Fort Devens AAF, Massachus
Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. humidity; and (F) Pressure Summary (means, standard deviations, and observation counts of static pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV . (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour period for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY 04779	STATION NAME FORT DEVEN AAF MASS	ALTITUDE N 42 34	LONGITUDE W 071 36	FIELD ELEV (FT) 268	CALL SIGN AYE	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. GROUND	
1	Ft Devens Ayer, Mass	AAF	Oct 60	Sep 61	N 42 34	W 071 36	268	285	18
2	Same	Same	Oct 61	Sep 63	Same	Same	Same	Same	24
3	Same	Same	Jan 74	Dec 74	Same	Same	Same	Same	11
4	Same	Same	Jan 75	Dec 76	Same	Same	Same	Same	13

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 60	Located on roof of Hanger on E end of Bldg P-167	AN/GMQ 11	None	55Ft	
2	Sep 61	Same	Same	RO-2	Same	
3	Dec 76	Same	Same	RO-362	13 Ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING
USAF ETAC
AIR WEATHER SERVICE/NO

WEATHER CONDITIONS

04770 STATION EAST FORT S OAF MASS STATION NAME 0-42,74-76 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		4.5	2.1	6.8		12.7	12.4	4.0	.6		17.2	2654
FEB			5.1	1.4	10.5		16.3	15.5	3.7	1.4		20.1	2659
MAR		.0	6.0	.6	9.4		14.0	13.5	2.0	.2		15.4	2975
APR		.2	12.2		3.0		14.4	12.7	1.3	.1		13.7	2915
MAY		.0	13.9				10.9	14.5	5.2			19.4	3004
JUN		.4	7.3				7.3	12.2	11.7			21.7	3035
JUL		1.2	4.6				4.6	10.5	14.1			22.7	3048
AUG		.9	9.0				9.0	16.1	9.9			23.9	3082
SEP		.2	10.9				10.9	19.2	7.8			25.2	2950
OCT		.1	12.7		.7		13.2	16.8	3.6			18.9	2467
NOV			10.7	.0	2.1		12.8	13.6	3.3			16.6	2965
DEC		.0	5.1	1.7	10.0		16.2	12.6	4.7	1.3		17.6	2951
TOTALS		.3	8.3	.5	3.5	.0	11.9	14.2	6.1	.3		19.4	34705

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

04779 FLTY LEADS AF MASS 1-63,74-76 JA
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM PERIOD OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA	01-02		5.3	2.7	5.3		13.4	16.0	9.1	.5		24.1	137
	03-05		3.2	3.2	6.1		12.2	14.4	5.9	1.1		20.7	138
	06-08		3.7	4.2	7.9		15.1	14.6	5.3	1.3		19.6	370
	09-11		4.9	2.7	6.1		14.0	15.2	6.1	.0		21.5	446
	12-14		4.5	.7	9.3		12.8	11.0	3.8	.7		15.1	445
	15-17		5.0	.5	7.9		12.6	9.5	1.7	.2		11.2	419
	18-20		4.4	1.2	5.3		10.6	8.6	2.1			10.3	339
	21-23		4.8	1.2	4.4		10.3	9.9	4.8			14.7	252
TOTALS			4.5	2.1	6.8		12.7	12.4	4.9	.6		17.2	2654

DATA PROCESSING
USAF ETAC
AIR WEATHER SERVICE / HQ

WEATHER CONDITIONS

04779 STATION NAME: FT. LEVINS AFB MASS 1-42, 74-75 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01-02		4.2	1.2	13.1		13.5	17.9	6.0	3.0		26.2	168
	03-05		2.4	.5	12.9		14.7	17.6	2.9	1.0		21.3	170
	06-08		6.1	1.0	11.2		13.2	18.2	3.4	1.2		22.1	407
	09-11		5.6	1.5	11.7		13.0	16.0	5.4	1.2		21.5	462
	12-14		7.6	1.7	8.7		17.0	13.5	3.9			17.2	459
	15-17		6.0	1.3	8.5		15.2	11.5	1.2			12.7	434
	18-20		5.5	1.2	8.8		14.8	13.0	.9	.0		14.5	330
	21-23		3.5	2.2	8.3		14.0	16.6	6.1	2.2		24.9	227
TOTALS			5.1	1.4	10.5		16.3	15.5	3.7	1.4		20.1	2659

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS 61-63, 74-76 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		4.8		9.7		14.0	15.6	1.6			16.7	186
	03-05		4.8		10.8		15.1	21.5	2.2			23.1	186
	06-08		4.3	1.8	10.8		15.2	17.3	2.4	.6		19.3	492
	09-11		6.1	.6	8.8		13.3	10.8	2.9			13.7	511
	12-14		6.8	.6	6.6		12.3	7.8	1.6			9.4	513
	15-17		8.6	.8	5.3		13.9	9.2	1.3			10.3	476
	18-20	.3	6.2	.8	6.3		13.0	11.6	2.3			13.8	354
	21-23		6.6		8.9		14.8	14.4	1.9	.8		16.7	257
TOTALS		.0	6.0	.6	8.4		14.0	13.5	2.0	.2		15.4	2975

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779
STATION

FORT DEVERKS AAF MASS
STATION NAME

61-63, 74-76

YEARS

Apr
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.1	13.3		6.1		17.8	18.3				18.3	180
	03-05		12.0		1.1		13.1	19.7	1.6			19.7	183
	06-08		11.2		3.7		14.3	13.9	2.9			15.7	490
	09-11	.2	10.5		3.6		13.3	10.9	1.8	.2		12.7	496
	12-14	.4	10.8		2.6		13.0	6.5	1.8			8.3	493
	15-17	.2	10.9		2.1		12.8	7.7	.6			7.9	478
	18-20		12.5		1.5		13.1	9.6	1.2			10.8	344
	21-23		16.3		3.2		17.5	15.1	.8			15.9	251
TOTALS		.2	12.2		3.0		14.4	12.7	1.3	.0		13.7	2915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779
STATION

PORT DEVENA AAF MASS
STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	9.1				9.1	19.9	4.3			22.6	186
	03-05		9.8				9.8	25.6	5.1			29.5	234
	06-08		12.0				12.0	18.7	9.6			25.6	508
	09-11	.4	10.0				10.0	11.6	7.7			18.5	509
	12-14	1.4	12.3				12.3	8.0	5.4			12.9	503
	15-17	1.2	9.7				9.7	7.5	4.8			12.3	495
	18-20	1.2	12.5				12.5	10.1	5.6			15.4	337
	21-23	2.2	11.6				11.6	14.7	3.9			18.5	232
TOTALS		.9	10.9				10.9	14.5	5.8			19.4	3004

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS 41-43, 74-76 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		5.6				5.6	22.8	6.1			25.0	180
	03-05		7.0				7.0	27.4	15.2			35.2	230
	06-08		9.4				9.4	17.9	16.0			31.0	513
	09-11		7.4				7.4	5.1	13.6			18.1	514
	12-14	.4	10.3			.2	10.3	3.6	10.1			13.6	507
	15-17	1.4	7.4				7.4	3.1	9.9			12.5	487
	18-20	1.7	5.8				5.8	5.5	9.7			15.0	361
	21-23		5.3				5.3	12.3	12.8			23.0	243
TOTALS		.4	7.3			.0	7.3	12.2	11.7			21.7	3035

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04770 STATION FORT MEYERS AFB MASS 61-63,74-76 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.1	3.2				3.2	12.9	17.2			27.4	186
	03-05	.9	8.6				8.6	29.6	15.0			39.1	233
	06-08	.8	6.5				6.5	21.4	14.0			32.3	527
	09-11	.4	3.2				3.2	6.4	12.3			17.4	528
	12-14	1.6	4.5				4.5	2.7	10.5			12.2	515
	15-17	3.0	4.4				4.4	2.0	11.3			12.9	495
	18-20	2.1	4.2				4.2	1.8	13.7			15.5	336
	21-23		2.2				2.2	7.0	18.4			24.6	228
TOTALS		1.2	4.6				4.6	10.5	14.1			22.7	3048

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779
STATION

FORT DEVENIS AAF MASS
STATION NAME

61-63, 74-76

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		8.5				8.5	25.0	11.2			32.4	188
	03-05	.4	9.4				9.4	31.3	10.3			38.6	233
	06-08	.2	8.3				8.3	23.4	11.1			30.2	530
	09-11	.4	7.3				7.3	8.8	10.1			17.9	535
	12-14	.2	9.6				9.6	7.1	6.7			12.9	520
	15-17	1.2	8.8				8.8	7.0	6.8			12.8	501
	18-20	2.9	9.1				9.1	8.8	10.9			18.8	340
	21-23	1.7	10.6				10.6	17.4	11.5			27.2	235
TOTALS		.9	9.0				9.0	16.1	9.8			23.9	3082

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS 61-63,74-76 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		10.2				10.2	25.6	4.8			28.0	186
	03-05		13.7				13.7	33.5	3.0			36.5	233
	06-08		11.7				11.7	33.7	7.2			36.5	513
	09-11	.2	10.7				10.7	14.2	8.5			19.7	507
	12-14		9.5				9.5	10.5	7.2			16.5	497
	15-17	.2	10.1				10.1	10.1	7.6			16.4	475
	18-20	.6	11.0				11.0	11.7	10.7			21.5	317
	21-23	.5	10.4				10.4	18.5	13.1			26.1	222
TOTALS		.2	10.9				10.9	19.8	7.8			25.2	2950

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62, 74-76
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		11.5		.8		11.5	19.7	4.1			19.7	122
	03-05		14.1		1.8		15.3	27.6	.6			27.6	170
	06-08	.2	14.0		.9		14.9	25.5	2.8			26.4	436
	09-11		12.6		.9		13.5	13.2	5.4			17.3	446
	12-14		11.4		.7		11.9	9.4	3.0			11.9	437
	15-17	.5	11.9		.5		11.9	9.0	1.9			11.0	420
	18-20		13.1				13.1	11.9	5.2			16.4	268
	21-23		13.1				13.1	17.9	6.0			20.8	168
TOTALS		.1	12.7		.7		13.2	16.6	3.6			18.9	2467

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS 60-62.74-76 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		13.3		1.7		15.0	15.6	2.8			18.3	180
	03-05		12.6		1.1		13.7	22.0	3.8			24.7	182
	06-08		12.0	.2	.5		12.7	17.4	4.3			20.6	442
	09-11		10.3		1.9		11.9	11.5	4.9			16.0	513
	12-14		10.1		2.5		12.7	10.1	1.8			11.9	513
	15-17		9.3		2.8		12.1	9.5	1.6			11.1	495
	18-20		8.1		3.3		11.5	10.9	3.3			14.2	393
	21-23		9.7		2.8		12.6	12.1	3.6			15.8	247
TOTALS			10.7	.0	2.1		12.8	13.6	3.3			16.6	2965

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		3.7	1.1	11.1		15.9	15.3	3.2	1.1		19.0	189
	03-05		2.6	3.2	12.7		18.5	17.5	3.2	3.7		22.8	189
	06-08		4.0	1.8	11.4		17.0	12.1	5.4	1.3		16.8	447
	09-11		5.6	1.6	9.5		15.7	10.7	5.6	1.0		16.5	516
	12-14		7.9	.8	8.9		17.0	9.9	3.2	.6		13.7	505
	15-17		8.2	1.5	10.8		18.6	11.0	4.0	.4		14.8	473
	18-20	.3	5.3	1.8	9.0		15.0	12.9	6.1	.8		19.3	379
	21-23		3.6	2.0	6.3		11.5	11.1	6.7	1.2		18.2	253
TOTALS		.0	5.1	1.7	10.0		16.2	12.6	4.7	1.3		17.6	2951

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the W. Sta prior to year 1949. Therefore, percentages in this column are restricted to the period 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		25.0	8.1	32.3		44.4	27.4	17.7	3.2		34.7	124
FEB			24.6	6.9	33.8	.8	45.4	31.5	17.7	4.6		36.2	130
MAR		.7	25.7	3.5	29.2		43.7	31.9	17.4	.7		35.4	144
APR		3.5	34.5		13.4	.7	40.1	28.2	8.5	.7		29.6	142
MAY		11.1	43.1		.7		43.1	38.2	25.0			45.1	144
JUN		8.9	39.7				39.7	44.5	32.9			52.7	146
JUL		15.4	37.6				37.6	35.6	38.3			47.7	149
AUG		8.5	37.3				37.3	47.1	37.9			58.2	153
SEP		3.4	34.9		.7		34.9	47.3	26.7			52.1	146
OCT			32.8		2.5		33.6	40.2	13.9			40.2	122
NOV			29.0		12.4		37.9	31.0	13.8			35.2	145
DEC		.7	25.3	7.5	39.7		49.3	32.9	15.8	2.1		39.7	146
TOTALS		4.3	32.5	2.2	13.7	.1	40.6	36.3	22.1	.9		42.2	1691

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
 - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
 - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS

60-63, 74-76

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	49.3	20.7	3.3	4.7	1.2	7.3	4.0	7.3	2.0					30.0	150	2.74	14.93	TRACE
FEB	51.2	16.9	1.2	5.2	5.2	6.5	6.5	6.5	.6					31.8	154	2.63	3.81	1.30
MAR	51.2	19.7	1.2	7.6	4.1	5.2	5.2	3.5	2.4					29.4	170	2.55	3.96	1.70
APR	52.7	15.6	1.8	3.0	5.4	7.2	8.4	4.2	1.8					31.7	167	2.85	3.82	1.90
MAY	48.5	16.5	1.8	3.5	7.1	12.9	6.5	4.7	.6					37.1	170	2.69	3.44	2.02
JUN	54.5	16.9	.6	7.6	5.2	4.7	7.0	3.5	1.2					29.7	172	2.31	3.60	.92
JUL	56.0	14.3	2.3	6.3	6.9	12.9	5.7	4.0	1.7					29.7	175	2.39	3.51	1.05
AUG	56.1	12.8	2.2	3.3	4.4	7.8	12.2	5.6	13.9	.6				31.1	180	4.25	6.40	1.60
SEP	55.6	10.5	1.8	5.8	4.1	7.6	12.2	4.7	7.0	.6				33.9	171	5.46	9.94	1.96
OCT	57.8	14.3	.7	7.5	1.4	4.1	4.1	4.1	4.8	1.4				27.9	147	3.91	9.24	.60
NOV	52.6	15.8	2.9	4.1	4.1	6.4	6.4	5.8	1.8					31.6	171	3.11	4.92	1.06
DEC	47.4	20.2	1.7	3.5	6.4	5.2	6.4	4.6	4.6					32.4	173	4.10	5.27	2.73
ANNUAL	52.5	16.2	1.8	5.2	4.6	6.5	5.5	4.9	2.7	.2				31.4	2000	3.02		

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

60-63, 74-76

YEARS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*	.80*	.80*	2.13
61	* 1.77*	.89*	.98*	1.44*	.93*	.81*	.92*	1.44*	3.26*	.70	1.19	.49	* 3.20
62	1.23	.95	1.32	1.37	.78	.79	1.23	1.88	2.04	3.36	1.31	1.69	3.36
63	.71	1.00	1.16	.57	.78	.35	.45*	.28*	1.89				
74	*TRACE*	.70*	1.66*	.79*	.87*	1.57*	.72*	.72*	2.46*	1.25*	.70*	1.72	* 2.46
75	* .95*	1.02*	1.07	.92*	1.13	1.55*	1.25	2.51*	2.13*	2.13*	2.20*	1.66	2.51
76	* 1.15*	.96*	.68	.91*	.92	.40*	1.36	1.42*	.80*	2.01*	.34*	.76	* 2.01
MEAN	.968	.920	1.145	1.000	.902	.912	.988	1.375	2.097	1.708	1.090	1.575	2.720
S.D.	.591	.117	.330	.339	.129	.537	.355	.797	.802	1.005	.646	.452	.574
TOTAL OBS.	150	154	170	167	170	172	175	180	171	147	171	173	2000

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

60-63, 74-76 YEARS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										* .80*	2.14*	3.90	
61	* 2.12*	1.30*	2.25*	3.78*	3.44*	2.93*	1.90*	3.01*	5.35*	1.03	4.12	3.85	*35.08
62	2.64	3.81	1.90	3.82	2.65	1.93	3.06	6.40	4.36	9.24	3.30	3.91	47.02
63	2.47	2.66	3.96	1.90	2.03	1.48	1.05*	1.60*	3.68				
74	*TRACE*	1.96*	1.70*	2.23*	2.77*	3.01*	1.79*	2.45*	9.94*	2.49*	3.10*	5.27	*36.71
75	* 4.30*	3.81*	3.24	2.51*	2.63	3.60*	3.51	6.18*	7.48*	5.09*	4.92*	4.93	*52.20
76	* 4.93*	2.40*	2.26	2.83*	2.64	.93*	3.04	5.87*	1.96*	4.81*	1.06*	2.73	*35.46
MEAN	2.743	2.657	2.552	2.845	2.693	2.313	2.392	4.252	5.462	3.910	3.107	4.098	41.294
S D	1.744	1.005	.870	.801	.450	1.027	.951	2.134	2.856	3.181	1.377	.903	7.832
TOTAL OBS.	150	154	170	167	170	172	175	180	171	147	171	173	2000

NOTE *: (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS

60-63, 74-76

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	62.7	16.7	9.3	2.7	3.3	.7	1.3	.7	2.0		.7			20.7	150	13.2	30.3	TRACE
FEB	64.9	12.9	5.8	5.2	3.2	3.2	1.9	.6	2.6					22.7	154	14.8	23.4	3.8
MAR	67.8	14.0	3.5	8.2	1.2	.6	.6	1.8	2.3					18.1	171	11.4	18.8	1.2
APR	85.6	7.8	1.8	1.8	1.2	.6	.6	.6						6.6	167	3.1	7.1	TRACE
MAY	99.4	.6													171	TRACE	TRACE	.0
JUN	100.0														172	.0	.0	.0
JUL	100.0														175	.0	.0	.0
AUG	100.0														180	.0	.0	.0
SEP	99.4	.6													171	TRACE	TRACE	.0
OCT	97.3	2.0				.7								.7	149	.5	3.0	.0
NOV	86.0	7.6	2.9	1.2	1.2	.6			.6					6.4	171	2.9	8.4	TRACE
DEC	57.2	22.0	6.4	2.9	2.9	2.3	1.7	1.7	1.7		1.2			20.8	173	18.9	26.2	8.4
ANNUAL	85.0	7.0	2.5	1.8	1.1	.7	.5	.4	.8		.2			8.0	2004	64.8		

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

60-63, 74-76

YEARS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*TRACE*	*TRACE*	26.2	
61	* 30.3	* 11.4	* 14.5	* 6.0	* .0	* .0	* .0	* .0	* .0	* .0	8.4	24.4	* 95.0
62	4.8	33.4	10.2	2.1	.0	.0	.0	.0	.0	3.0	1.7	14.8	70.0
63	12.1	17.7	18.8	.3	TRACE	.0	.0	* .0	* .0				
74	*TRACE*	4.1	1.2	7.1	* .0	* .0	* .0	* .0	* .0	* .0	2.3	* 8.4	* 23.1
75	* 13.3	* 18.2	* 9.4	* 3.2	* .0	* .0	* .0	* .0	* .0	*TRACE*	* 2.3	* 25.6	* 72.0
76	* 18.9	* 3.8	14.2	TRACE	* .0	* .0	* .0	* .0	*TRACE*	*TRACE*	* 2.8	* 13.8	* 53.5
MEAN	13.23	14.77	11.38	3.12	TRACE	.00	.00	.00	TRACE	.50	2.92	18.87	62.72
S. D.	10.686	11.072	6.028	2.928	.000	.000	.000	.000	.000	1.225	2.858	7.503	26.626
TOTAL OBS.	150	154	171	167	171	172	175	180	171	149	171	173	2004

NOTE * (BASED ON \leq FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH:
(FROM DAILY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-63, 74-76
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.30	.31-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.7	5.3	18.7	7.3	12.0	18.7	30.7	4.0	2.7					94.0	150			
FEB	12.2	7.8	7.8	5.2	9.1	21.4	28.6	7.8						79.9	154			
MAR	46.8	10.5	5.2	5.2	.6	11.7	18.1	1.8						42.7	171			
APR	92.2	4.2	1.2		1.2	1.2								3.6	167			
MAY	100.0														171			
JUN	100.0														172			
JUL	100.0														175			
AUG	100.0														180			
SEP	100.0														172			
OCT	98.7	1.3													149			
NOV	86.5	6.4	2.2	2.9	.6	.6	.6							7.0	171			
DEC	50.9	7.5	15.2	4.6	3.5	11.6	11.0	5.8						41.6	173			
ANNUAL	74.0	3.6	3.4	2.1	2.2	5.3	7.4	1.6	.2					22.4	2005			

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

60-63, 74-76

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60										*	0*	0*	21
61	* 25*	14*	10*	3*	0*	0*	0*	0*	0*	0*	0	8	22 *
62	11	16	12	1	0	0	0	0	0	TRACE	1	9	16
63	11	13	16	0	0	0	0*	0	0				
74	*TRACE*	9*	0*	6*	0*	0*	0*	0*	0*	0*	2*	3	* 9
75	* 9*	13*	5	1*	0	0*	0	0*	0*	0*	2*	17	* 17
76	* 18*	8	9	0*	0	0*	0	0*	0*	0*	3*	9	* 18
MEAN	12.2	12.2	8.7	1.8	.0	.0	.0	.0	.0	TRACE	2.7	13.5	17.0
S.D.	8.477	3.060	5.574	2.317	.000	.000	.000	.000	.000	.000	2.805	7.835	5.701
TOTAL OBS.	150	154	171	167	171	172	175	180	172	149	171	173	2005

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

EXTREME VALUES

SURFACE WINDS

04779 FLRT DEVEL S AAF MASS
STATION STATION NAME

60-63, 74-76

YFARS

[illegible]

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-63, 74-76 ALL MONTH ALL HOURS (L.S.T.)
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	3.0	1.2	.2	.0						9.2	7.1
NNE	.9	1.4	1.2	.3	.1	.0						3.9	6.3
NE	.8	1.4	1.1	.3	.0	.0						3.6	6.3
ENE	.6	1.0	.9	.2	.0	.0						2.6	6.5
E	.8	1.2	1.0	.2	.1	.0						3.3	6.4
ESE	.4	.7	.5	.1	.0							1.6	5.9
SE	.5	.8	.5	.1	.0							1.8	5.4
SSE	.4	.6	.3	.1	.0							1.5	5.3
S	1.1	1.7	1.1	.2	.0							4.0	5.6
SSW	1.1	1.8	1.6	.3	.0	.0						4.8	6.2
SW	1.2	2.5	2.4	.6	.0	.0						6.8	6.7
WSW	1.2	2.0	2.0	.5	.0							5.8	6.4
W	1.6	3.2	3.8	1.3	.1	.0						10.0	7.2
WNW	.6	1.5	2.6	1.0	.1	.0						5.9	8.1
NW	.8	2.0	3.2	1.1	.1	.0		.0				7.2	7.9
NNW	.8	1.7	2.3	1.0	.2	.0						6.0	7.9
VARBL													
CALM												22.1	
	14.3	26.5	27.6	8.3	1.1	.1		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 34699

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.9	2.8	1.1	.2							9.2	6.7
NNE	1.1	1.4	1.0	.2	.1							3.7	6.0
NE	.7	1.1	.7	.2	.1							2.7	5.9
ENE	.3	.7	.7	.0								1.7	6.0
E	.6	.9	.5	.2								2.2	5.8
ESE	.3	.2	.1	.0								.7	4.4
SE	.1	.5	.0									.6	4.3
SSE	.3	.2	.1	.0								.7	4.3
S	.6	.9	.4	.1								2.0	5.1
SSW	.7	1.8	.7	.1								3.2	5.5
SW	1.0	1.6	1.4	.5	.0							4.5	6.5
WSW	1.4	2.3	1.7	.4	.0							5.8	6.0
W	2.3	4.0	4.6	1.7	.3							12.9	7.3
WNW	.8	2.3	3.5	1.4	.2							8.1	8.3
NW	.8	2.4	3.0	1.3	.3	.0						7.8	8.2
NNW	1.2	1.9	2.7	1.7	.6	.0						8.0	8.6
VARBL													
CALM												26.2	
	14.3	25.0	23.9	8.9	1.8	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2653

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63,74-76 FEB
STATION MONTH
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	3.2	1.3	.3							9.1	7.5
NNE	1.4	1.9	1.2	.4	.0							5.0	5.8
NE	.7	1.8	1.7	.7	.2							5.2	7.4
ENE	.6	1.1	.7	.3	.0							2.7	6.4
E	.5	.8	.4	.2								2.0	6.0
ESE	.3	.6	.0	.2								1.2	6.0
SE	.5	.3	.2	.1								1.1	5.4
SSE	.2	.4	.2									.8	4.8
S	1.0	.9	.8									2.7	5.3
SSW	.9	1.1	.9	.2								3.0	5.7
SW	1.1	2.8	2.2	.4	.0							6.5	6.3
WSW	1.2	2.2	1.7	.5								5.6	6.3
W	1.2	3.0	3.5	1.3	.1							9.1	7.2
WNW	.7	1.9	2.9	.9	.1	.0						6.6	7.8
NW	.7	2.0	4.6	1.0	.2							8.4	8.0
NNW	.7	2.0	2.6	1.4	.0							6.8	7.9
VARBL													
CALM												24.3	
	13.2	25.8	26.8	9.0	1.0	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2659

DATA PROCESSING PRINC.
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVERES AAF MASS 41-62, 74-76 YEARS MAR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.7	5.1	2.8	.2							13.6	8.0
NNE	.7	1.9	1.4	.7	.2							4.9	7.4
NE	.5	1.8	1.1	.6								3.9	6.8
ENE	.5	1.4	1.4	.4	.1							3.8	7.3
E	.6	1.7	1.7	.9	.4	.1						5.3	8.8
ESE	.4	.8	1.0	.2	.1							2.5	6.9
SE	.5	.5	.7	.2	.0							1.9	7.1
SSE	.6	.7	.5	.1								1.8	5.4
S	.9	1.3	1.0	.1	.0							3.4	5.5
SSW	.9	1.5	1.4	.3								4.2	6.2
SW	.8	1.3	1.7	.4								4.2	6.5
WSW	.6	1.1	1.7	.3	.1							3.9	7.2
W	.8	2.4	2.6	1.7	.1							7.5	8.1
WNW	.3	.8	3.0	1.9	.1							6.2	9.8
NW	.7	1.5	3.8	2.1	.3							8.4	9.0
NNW	.6	1.4	4.0	2.2	.3							8.4	9.2
VARBL													
CALM												16.3	
	10.9	23.9	32.1	14.8	1.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT LEVEES AAF MASS STATION NAME 61-63,74-76 YEARS APR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.2	5.0	1.8	.5	.1						12.2	8.1
NNE	.7	1.3	2.1	.4	.0	.0						4.5	7.5
NE	1.0	1.5	1.4	.1								4.1	5.9
ENE	.5		1.8	.3								3.4	7.2
E	.5	1.2	2.2	.3	.0							4.4	7.5
ESE	.2	.8	1.1	.1								2.3	6.8
SE	.3	.7	.8	.1								1.9	6.1
SSE	.2	.5	.3	.1								1.1	5.9
S	.3	.9	.8	.1	.1							2.2	7.0
SSW	.5	.9	1.1	.5	.2	.0						3.2	8.4
SW	.5	1.3	1.8	1.1	.1	.0						4.8	8.7
WSW	.9	1.5	2.0	.6	.1							5.1	7.2
W	.8	2.3	3.5	1.7	.4							8.7	8.6
WNW	.4	1.5	3.2	1.9	.2	.1						7.3	9.2
NW	.5	2.3	5.0	2.1	.7	.1		.0				10.6	9.4
NNW	.7	2.1	4.3	2.1	.5	.1						9.6	9.0
VARBL													
CALM												14.6	
	9.7	22.7	36.3	13.4	2.9	.4		.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2913

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.5	3.1	1.0	.3							7.6	7.7
NNE	.6	1.2	1.4	.3								3.6	6.8
NE	.8	1.6	1.2	.2		.0						3.9	6.4
ENE	.6	1.7	1.3									3.7	5.8
E	.8	1.7	2.0	.1								4.6	6.2
ESE	.5	1.0	1.3	.1								3.0	6.4
SE	.6	1.5	1.2	.4								3.7	6.6
SSE	.6	.9	.9	.3								2.6	6.2
S	1.0	2.0	1.7	.3	.0							5.1	6.2
SSW	.8	1.5	1.6	.8								4.7	7.0
SW	1.1	2.7	3.2	1.1	.1							8.1	7.3
WSW	.9	2.1	2.4	.8	.1							6.3	7.2
W	1.2	2.8	3.5	1.7	.1	.0						9.4	7.7
WNW	.5	.8	2.1	1.0	.2							4.7	8.9
NW	.6	1.4	2.5	.6	.1							5.1	7.8
NNW	.3	1.4	1.2	.6	.0							3.6	7.6
VARBL													
CALM												20.5	
	11.8	26.9	30.6	9.2	1.0	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3003

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63.74-76 YEARS JUN MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	1.8	.4								6.2	5.9
NNE	.5	1.4	1.0	.1								3.1	5.8
NE	.8	1.5	.9	.1								3.4	5.5
ENE	.9	1.4	1.0	.1								3.3	5.6
E	.9	2.0	1.4	.3								4.6	6.0
ESE	.5	1.0	.7	.0								2.2	5.4
SE	.6	1.6	.8									3.0	5.3
SSE	.5	1.2	.5	.0								2.2	5.4
S	1.1	2.3	1.9	.1								5.5	5.9
SSW	.9	2.3	2.2	.2								5.6	6.3
SW	1.5	4.3	3.9	.4								10.1	6.3
WSW	1.8	3.1	2.8	.4								8.2	6.0
W	2.0	3.3	5.1	1.5								12.0	7.1
WNW	.8	1.3	1.6	.6	.0							4.3	7.3
NW	.8	1.9	1.4	.5	.1							4.6	6.7
NNW	.7	1.4	1.2	.5	.0							3.9	6.6
VARBL													
CALM												17.9	
	15.8	32.6	28.2	5.4	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3035

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVEL'S AAF MASS STATION NAME 61-63, 74-76 YEARS JUL NORTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	2.2	1.0								8.2	6.3
NNE	.8	1.4	.8	.3	.0							3.3	6.0
NE	.8	1.2	.4									2.5	4.8
ENE	.6	.6	.3									1.5	4.4
E	1.0	1.4	.5	.1								3.1	4.6
ESE	.5	1.2	.4									2.1	5.1
SE	.7	1.2	.5	.0								2.4	5.1
SSE	.5	.7	.5	.1								1.8	5.5
S	1.5	2.4	1.3	.3								5.5	5.5
SSW	.9	2.4	2.0	.4								5.7	6.3
SW	1.1	3.6	3.9	.5								9.1	6.5
WSW	1.4	2.4	2.6	.2	.0							6.6	6.1
W	2.1	4.7	4.1	.8	.0	.0						11.7	6.3
WNW	.7	2.3	2.7	.3								6.0	6.7
NW	1.0	2.4	2.9	.4								6.7	6.6
NNW	.7	1.5	1.8	.5								4.5	7.0
VARBL													
CALM												19.4	
	15.8	32.9	27.0	4.9	.1	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3048

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 61-63, 74-76 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.7	2.5	.5	.1							8.6	6.1
NNE	.8	1.4	1.2	.4								3.8	6.1
NE	.8	1.3	1.4	.1								3.7	5.9
ENE	.4	1.0	.6									2.0	5.5
E	1.1	1.1	.8	.0								3.1	5.1
ESE	.6	.7	.4	.1								1.8	5.4
SE	.4	.9	.4									1.7	5.0
SSE	.5	.7	.2	.1								1.4	4.9
S	1.3	1.9	.9	.2								4.3	5.2
SSW	1.1	2.6	1.4	.4								5.5	5.9
SW	1.3	3.7	2.9	.8								8.8	6.6
WSW	1.7	2.2	2.3	.5	.0							6.7	6.2
W	1.6	3.9	4.0	.6								10.1	6.5
WNW	.7	1.5	1.4	.3								3.9	6.3
NW	.8	2.2	2.0	.5								5.5	6.7
NNW	1.0	1.6	1.6	.6	.1	.0						4.9	7.0
VARBL													
CALM												24.4	
	16.0	20.4	24.0	4.9	.3	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3081

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 EUPH DEVELPS AAE MASS 61-63,74-76 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	1.4	.3								5.9	5.4
NNE	.8	1.1	.9	.2								3.0	5.6
NE	.6	1.6	1.0	.4	.0							3.7	6.5
ENE	.6	.7	.7	.4	.3	.1						2.8	8.5
E	1.7	1.4	1.2	.2	.0							4.6	5.3
ESE	.5	.5	.3									1.3	4.5
SE	1.2	1.1	.5	.0								2.8	4.4
SSE	.7	.6	.5	.1								1.9	5.0
S	1.6	2.7	1.8	.2	.1							6.4	5.7
SSW	2.2	2.5	2.5	.2	.0							7.5	5.7
SW	1.8	3.0	2.5	.3	.0							7.6	5.8
WSW	1.2	1.8	1.2	.2	.0							4.3	5.8
W	1.9	2.6	2.4	.5	.0							7.5	5.9
WNW	.5	1.1	2.4	.6	.0							4.6	7.6
NW	.6	1.6	2.9	.6								5.8	7.3
NNW	.7	1.4	1.5	.1								3.8	6.2
VARBL													
CALM												26.4	
	18.7	26.2	23.7	4.3	.6	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FCPT DEWENS AAF MASS YEARS 10-62, 74-76 UCT MONTH
 CLASS ALL WEATHER ALL NOCT
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.6	3.0	.6								8.4	6.0
NNE	1.2	1.3	1.2	.3								3.9	5.8
NE	.6	1.0	1.7	.4	.0							3.8	7.1
ENE	.6	.9	.9	.3								2.7	6.6
E	.6	1.0	.8	.2								2.5	6.0
ESE	.5	.6	.4	.1								1.7	5.5
SE	.4	.5	.2									1.2	4.4
SSE	.2	.5										.7	4.1
S	1.3	1.9	.9	.2								4.3	5.2
SSW	1.0	2.2	1.2	.4								4.8	5.9
SW	1.2	1.7	2.1	.9	.0							5.8	6.9
WSW	1.3	1.9	1.7	.5	.0							5.4	6.2
W	1.5	3.0	4.6	1.2								10.3	7.2
WNW	.8	1.7	2.0	1.6	.1							6.2	8.0
NW	.9	2.8	3.3	1.5	.0							8.4	7.6
NNW	1.1	2.2	2.5	.5	.2							6.5	6.8
VARBL													
CALM												23.3	
	15.4	25.8	26.4	8.6	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62, 74-76 YEARS MONTH NOV ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.9	3.5	2.0	.4							11.7	7.2
NNE	1.0	1.7	1.6	.2	.1							4.6	6.4
NE	.7	1.1	.6	.3								2.8	6.0
ENE	.5	.6	.4	.1								1.7	5.4
E	.5	.7	.3	.1								1.6	5.1
ESE	.2	.2	.1									.5	4.9
SE	.3	.4	.0	.0								.7	4.0
SSE	.3	.5		.0								.9	4.1
S	.9	1.2	.8	.2								3.1	5.4
SSW	1.7	1.5	2.4	.1	.0							5.7	6.1
SW	1.1	2.0	2.4	.4	.0							6.0	6.6
WSW	1.0	1.7	1.8	.8	.0							5.3	6.8
W	1.8	3.1	4.5	1.0	.0							10.5	7.0
WNW	.6	1.4	2.7	1.2	.3	.1						6.3	8.8
NW	.9	1.7	3.0	1.0	.1							6.8	7.7
NNW	.9	2.1	2.5	1.3	.4							7.2	8.3
VARBL													
CALM												24.7	
	15.5	22.9	26.6	8.9	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-62,74-76
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DEC
NORTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	2.4	1.5	.3	.4						9.6	7.9
NNE	.9	1.5	.8	.1	.1							3.5	5.9
NE	1.0	1.0	1.2	.3								3.4	6.2
ENE	.5	.7	.6	.5	.1							2.5	7.3
E	.4	.3	.4	.2	.3							1.6	9.1
ESE	.1	.2	.1	.1								.4	6.5
SE	.3	.2	.1									.6	3.8
SSE	.6	.3	.3		.0							1.3	5.0
S	1.2	1.4	.9	.2	.0							3.6	5.5
SSW	1.1	1.3	1.6	.2								4.1	6.0
SW	1.3	1.4	1.2	.8	.1							4.7	6.8
WSW	1.3	1.8	2.2	.4								5.6	6.4
W	1.5	3.4	3.8	1.7	.0							10.3	7.3
WNW	.8	1.5	3.6	.8	.1							6.8	7.9
NW	1.2	1.8	4.0	1.2	.1							8.3	7.8
NNW	.7	2.0	2.0	.5	.2	.0						5.5	7.4
VARBL													
CALM												27.9	
	14.7	21.9	25.3	8.4	1.4	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.3	4.3	1.1								11.8	6.8
NNE	1.1	3.2	.5									4.8	4.5
NE		1.1	1.6									2.7	6.2
ENE		.5	1.1									1.6	7.0
E	1.6	1.1	1.1	1.1								4.8	7.0
ESE	.5											.5	2.0
SE													
SSE		.5										.5	6.0
S	1.6	.5										2.1	2.8
SSW	.5	1.1										1.6	3.3
SW	1.1											1.1	2.0
WSW	3.2	3.7	5.3	.5								12.8	5.8
W	1.6	6.4	1.6	.5								10.2	5.3
WNW	.5	3.7	.5	3.7								8.6	8.9
NW		1.6	.5									2.1	5.3
NNW	.5	3.2	2.7		2.1							8.6	9.3
VARBL													
CALM												26.2	
	14.4	31.0	19.3	7.0	2.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 187

DATA PROCESSING BR4.CP
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-62 YEARS JAN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	4.3	2.1	1.1								11.7	5.5
NNE	1.1	1.6	.5									3.2	4.8
NE	1.6	.5	.5									2.7	4.6
ENE		1.6	1.6									3.2	6.5
E	1.1	1.1	2.1	.5								4.8	6.7
ESE	.5	.5										1.1	3.5
SE		.5										.5	5.0
SSE	.5											.5	3.0
S				.5								.5	12.0
SSW	1.6	1.6										3.2	3.5
SW	.5	1.1										1.6	3.7
WSW	1.6	2.7	.5									4.8	4.2
W	4.3	4.3	6.9	1.6								17.0	6.4
WNW	1.6	2.7	1.1	.5								5.9	5.7
NW	1.6	2.7	1.6	1.1								6.9	6.7
NNW	.5	3.7	3.7		1.1							9.0	7.9
VARBL													
CALM												23.4	
	20.7	28.7	20.7	5.3	1.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.2	1.9	1.3								8.7	5.9
NNE	2.1	.5	.8	.5								4.0	3.5
NE	.8	.3	.5	.5	.3							2.4	8.1
ENE	.5	.3	.5									1.3	5.4
E	.5	.8	.3									1.6	5.0
ESE			.5									.3	8.0
SE		.3										.3	4.0
SSE	.3											.3	1.0
S	.5	.5										1.1	3.3
SSW	.3	2.4										2.6	4.8
SW	1.3	1.1	.3									2.6	4.1
WSW	1.3	3.4		.3								5.0	4.3
W	4.0	4.0	2.4	.3	.3							10.8	5.6
WNW	1.1	2.1	2.1	.8								6.1	7.0
NW	.3	2.9	1.9	.3								5.3	6.9
NNW	1.6	1.1	3.7	1.6								7.9	8.0
VARBL													
CALM												39.7	
	16.9	22.8	14.6	5.6	.5							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 378

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVELS USAF MASS STATION NAME 61-62, 74-76 YEARS JAN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	2.7	1.8								9.6	7.0
NNE	1.1	1.1	.7	.2	.4							3.6	7.5
NE	1.3	2.2	.7									4.3	4.9
ENE	.2	.2										.4	4.5
E	.4	.7	.4									1.6	5.0
ESE	.4											.4	2.5
SE	.2	.2										.4	3.0
SSE													
S	.7	.4	.9									2.0	5.0
SSW	.9	3.4	.7									4.9	5.0
SW	.9	1.6	.7	.4								3.6	6.3
WSW	1.6	2.0	1.3	.2								5.2	5.7
W	1.6	2.7	4.7	2.0	.4							11.4	7.8
WNW	.4	2.2	3.6	1.3								7.6	8.1
NW	.4	2.5	3.1	1.3	.7							8.1	8.9
NNW	1.6	.9	2.5	2.0	.2	.2						7.4	9.0
VARBL													
CALM												29.4	
	14.1	23.1	22.0	9.4	1.8	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVEN S AAF MASS 61-63, 74-76 YEARS JAN MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.8	3.4	.7	.7							9.0	7.2
NHE	.9	.7	1.8	.7								4.0	7.5
NE	.7	.7	.7	.2	.2							2.5	6.6
ENE	.4	1.1	.2	.2								2.0	5.7
E	.4	.9										1.3	4.5
ESE	.4	.4										.9	3.8
SE	.4	.9	.2									1.6	4.1
SSE	.2	.7										.9	3.8
S	1.1	1.3	.2									2.7	4.3
SSW	.4	1.1	1.6									3.1	6.7
SW	.7	2.0	1.3	.9	.2							5.2	7.4
WSW	.9	2.0	2.9	.7	.2							6.7	7.6
W	.7	2.5	6.5	3.4	.4							12.5	9.2
WNW	.7	1.6	6.5	2.2	.2							11.2	9.2
NW	.9	.4	4.7	2.9	.2							.2	9.5
NNW	.7	.7	3.1	2.7	.9							3.1	10.8
VARBL													
CALM												18.0	
	12.1	18.9	33.3	14.6	3.1							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 445

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT JEFFERS AAF MASS STATION NAME 61-63,74-76 YEARS JAN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	3.1	1.2								8.4	7.2
NNE	.7	.7	1.2									2.6	5.5
NE	.5	1.2	.7	.2								2.6	6.0
ENE	.2	.5	1.2									1.9	6.8
E	.2	1.2										1.4	5.0
ESE	.5	.5										1.0	3.0
SE		.7										.7	4.3
SSE	1.2	.5	.2									1.9	3.9
S	.7	1.7	.7	.2								3.3	5.8
SSW	.2	1.7	1.2	.2								3.3	7.1
SW	1.7	2.4	1.9	.7								6.7	6.3
WSW	1.0	1.9	1.7	.7								5.3	6.5
W	2.4	4.5	6.2	1.7	.2							15.1	7.5
WNW	.7	2.4	4.1	1.7	1.0							9.8	9.2
NW	.2	2.9	5.0	1.4								9.6	8.3
NNW	.5	3.3	2.9	3.3	.5							10.5	8.9
VARBL													
CALM												15.8	
	11.7	29.2	30.1	11.5	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 418

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENA'S AAF MASS 51-62, 74-76 YEARS JAN MONTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.4	2.1	1.2	.3							8.0	6.8
NNE	.3	2.4	.3									2.9	5.0
NE	.6	.9	.6									2.1	4.9
ENE	.6	.6	.6									1.8	5.2
E		.9	1.2									2.1	7.6
ESE	.3											.3	3.0
SE		.6										.6	5.5
SSE	.3		.3	.3								.9	7.0
S	.3	.3	.6									1.2	6.3
SSW	1.2	1.5	.6	.3								3.5	5.4
SW	.6	2.1	2.9	1.2								6.8	7.7
WSW	.9	1.5	.9	.6								3.8	6.0
W	3.2	3.8	3.5	2.1	.6							13.3	7.2
WNW	1.5	2.4	2.9	.3	.3							7.4	7.1
NW	1.5	3.0	2.4	.9	.6	.3						9.4	7.7
NNW	2.4	1.8	2.1	.9	.6							7.7	7.0
VARBL													
CALM												28.3	
	15.6	24.8	20.9	7.7	2.4	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING PRACICI
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-62 YEARS JAN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.2	3.2	.4								8.3	6.0
NNE	1.2	2.4	1.6									5.2	5.3
NE		1.2	.8									2.0	6.0
ENE		1.2	1.2									2.4	6.5
E	1.2	1.2	.4	.4								3.2	5.0
ESE		.4	.4	.4								1.2	9.3
SE													
SSE													
S		2.0	.4									2.4	6.2
SSW	.8	.4	.8									2.0	5.4
SW	1.2	1.2	3.2									5.6	6.3
WSW	1.6	2.0	2.4									6.0	5.9
W	1.6	6.3	3.6	1.2								12.7	6.6
WNW		2.0	3.6	.4								6.0	7.8
W	2.0	2.4	1.6	1.2	.8							7.9	7.6
NNW	1.2	2.4	.8									4.4	4.8
VARBL													
CALM												31.0	
	12.3	28.2	23.8	4.0	.8							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 252

DATA PROCESSING BRANCH
ETAC/LSAF
AIR WEATHER SERVICE/DAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENA AAF MASS 62-63 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0000-0200
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.8	3.6	.6								11.3	5.9
NNE	3.0	2.4	1.8	1.2								8.3	5.9
NE	.6	1.2	2.4	1.2								5.4	7.3
ENE		3.0		.6								3.6	5.7
E	.6	1.2	1.2	1.8								4.8	8.6
ESE		.6		1.2								1.8	11.7
SE													
SSE													
S	.6											.6	2.0
SSW	.6	1.2										1.8	4.3
SW	1.2	3.0	3.0									7.1	6.2
WSW	3.0	2.4	1.2									6.5	4.2
W	1.8	3.6	2.4									7.7	5.0
WNW	.6	3.0	.6									4.2	5.6
NW	.6	1.8	1.2									3.6	5.8
NNW		1.8	1.8	1.2								4.8	8.3
VARBL													
CALM												28.6	
	14.9	29.8	19.0	7.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT MEYERS AAF MASS STATION NAME 61-63,74 YEARS FEB MONTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.7	2.9	1.8								10.0	7.0
NNE	1.8	2.4	1.8	1.8								7.6	6.5
NE	.6	1.2	1.8	.6								4.1	7.6
ENE	1.8			1.2								2.9	6.6
E	.6	.6	.6	1.2								2.9	9.2
ESE													
SE													
SSE			1.2									1.2	7.5
S													
SSW	.6											.6	2.0
SW		2.9	1.2	.6								4.7	6.4
WSW	2.4	2.9	1.8									7.1	5.5
W	1.8	3.5	3.5									8.8	5.9
WNW	1.2	2.4	2.9									6.5	5.9
NW	.6	1.8	2.4									4.7	7.1
NNW	.6	1.2	2.9	1.8								6.5	8.8
VARBL													
CALM												32.4	
	12.4	23.5	22.9	8.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 170

DATA PROCESSING BRANCH,
ETAC/USAF
AIR WEATHER SERVICE/ IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME EGPT DEVERS AAF MASS YEARS 61-63, 74-76 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	1.0	1.2								5.9	6.0
NNE	1.7	2.0	1.5	.5	.2							5.9	6.1
NE	1.0	.7	.7	.5	.2							3.2	7.6
ENE	.5	1.5	.7									2.7	5.7
E	.7		.2									1.0	4.0
ESE	.2	.2										.5	4.0
SE	.5	.2										.7	3.7
SSE		.7										.7	4.3
S	1.2	.2	.2									1.7	3.9
SSW	1.7	2.0										3.7	3.6
SW	2.2	2.7	1.2									6.1	4.8
WSW	1.7	2.5	.7	.2								5.2	5.0
W	1.7	3.2	2.0	.2								7.1	5.6
WNW	1.0	1.5	2.0									4.4	5.9
NW	1.2	1.2	2.7	.5								5.7	7.0
NNW	.7	3.2	1.7	1.0								6.6	6.9
VARBL													
CALM												38.8	
	18.7	23.1	14.7	4.2	.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 407

DATA PROCESSING PAA.C.
ETAC/USAF
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT WENDELL AAF MASS YEARS 61-62, 74-76 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.9	3.2	2.2	.4							10.6	8.0
NNE	.4	2.4	.9									3.7	5.8
NE	1.1	1.3	1.7	1.5	.2							6.1	8.3
ENE	.4	1.1	.4	.4	.2							2.6	7.5
E	.4	.9	.4									1.7	5.3
ESE	.4											.4	3.0
SE	.6		.2									.9	3.8
SSE	.6	.4										1.1	3.2
S	1.3	.4	.6									2.4	4.7
SSW	1.3	1.3	1.5									4.1	5.4
SW	.6	3.2	1.3	.2								5.4	6.0
WSW	.2	1.7	1.3	.2								3.5	6.4
W	1.3	2.8	6.3	1.3	.4							12.1	7.8
WNW	.2	1.5	2.6	.6								5.0	8.0
NW	.4	1.3	4.3	1.1	.2							7.4	8.5
NNW	1.1	2.8	3.5	1.1	.2							8.7	7.7
VARBL													
CALM												24.5	
	11.5	25.3	28.4	8.7	1.7							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING BRANCH,
ETAC/USAF
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24779 STATION FORT GEORGE AAF MASS STATION NAME 61-63, 74-76 YEARS FEB MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	3.9	1.7	.9							10.7	8.3
NNE	.9	.9	1.3	.2								3.3	6.1
NE	.7	2.8	2.6	.7	.4							7.2	7.9
ENE		1.1	1.1	.2								2.4	7.3
E	.4	.7	.2									1.3	4.5
ESE	.4	.7										1.1	4.2
SE	.7	.4	.4									1.5	4.6
SSE			.4									.4	7.5
S	.7	2.0	.7									3.3	5.2
SSW	.4	1.3	1.3	.7								3.7	7.2
SW	.9	2.2	2.8	.9	.2							7.6	7.7
WSW	1.1	2.0	2.2	1.3								6.5	7.8
W	.9	2.4	4.8	3.3	.2							11.5	9.0
WNW	.2	1.3	3.3	2.4	.4							7.6	10.0
NW	1.1	1.5	7.0	1.5	.2							11.3	8.8
NNW	.2	1.5	3.5	1.7								7.0	8.8
VARBL													
CALM												14.2	
	10.2	23.1	35.5	14.6	2.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING AREA OF
ETAC/USAF
AIR WEATHER SERVICE/140

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT LEVENS AAF MASS STATION NAME 61-63,74-76 YEARS FEB MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.2	3.7	1.4	.5							9.2	8.5
NNE	.9	1.2	.9	.2								3.2	5.7
NE	.2	1.6	1.6	.7								4.1	7.6
ENE	.2	.9	.7									1.8	6.1
E	.7	.7	.2									1.6	4.4
ESE	.2	1.6	.2	.2								2.3	5.4
SE	.7	.7	.7									2.1	5.4
SSE	.5	.9										1.4	4.3
S	.2	.9	2.8									3.9	7.5
SSW	.5	.9	.9	.2								2.5	6.8
SW	.7	3.0	2.8	.9								7.4	6.9
WSW	.7	3.0	2.5	1.2								7.4	7.2
W	1.2	3.9	4.4	2.3								11.8	7.4
WNW	.9	1.8	5.5	2.1	.2	.2						10.8	8.9
NW	.5	2.5	6.5	2.1								11.5	8.3
NNW	.5	1.4	3.2	2.1								7.1	9.0
VARBL													
CALM												11.8	
	9.0	28.3	36.6	13.4	.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING PLANT
ETAC/USAF
AIR WEATHER SERVICE/ETAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FLEET DEVELOPMENT MASS YEARS 61-63, 74-76 MONTH FFB
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	4.8	.6								8.5	7.6
NNE	1.8	1.5	2.1	.3								5.8	5.7
NE	.5	2.7	.6	.3								4.2	5.5
ENE	1.5	.3	.6									2.4	4.5
E	.6	1.8	.9	.3								3.6	6.0
ESE	.6	.3		.3								1.2	5.8
SE	.6	.3		.6								1.5	7.4
SSE		.6										.6	5.0
S	.9	2.1	.6									3.6	5.1
SSW	1.2	.9	1.2									3.3	5.7
SW	.9	3.3	2.4									6.7	5.7
WSW	1.8	1.5	2.1									5.5	5.7
W	.6	2.7	.9	.3								4.5	6.1
WNW	1.2	3.0	3.0	.6								7.9	6.5
NW	.9	3.3	4.8	.9								10.0	7.1
NNW	.9	1.5	1.2	1.2								4.8	7.3
VARBL													
CALM												25.8	
	15.2	28.2	25.5	5.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 330

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT MEYERS AFB MASS STATION NAME 61-62,76 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	1.7									7.0	5.4
NNE	3.1	3.9	.4									7.4	4.4
NE	.9	2.6	3.1									6.6	6.3
ENE	.9	1.7	1.3	.9								4.8	7.0
E		1.3										1.3	4.3
ESE	.4	.9		.9								2.2	8.0
SE				.4								.4	14.0
SSE													
S	3.1		.4									3.5	3.3
SSW	.4		.9	.4								1.7	6.8
SW	2.2	2.2	3.1	.4								7.9	5.8
WSW	.9	1.7	1.3									3.9	5.8
W	1.3	1.7	1.3	.4								4.8	5.5
WNW	.9	2.2	.4									3.5	4.5
NW		3.1	3.5	.4	.9							7.9	8.5
NNW	1.7	2.2	2.2	.4								6.0	6.1
VARBL													
CALM												30.6	
	17.5	27.1	19.7	4.4	.9							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 229

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT LEWIS AFB MASS STATION NAME 62-63 YEARS MAR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.4	6.5	.5								15.6	6.3
NNE	1.6	3.2	.5	.5								5.9	5.5
NE	.5	3.2	1.1	.5								5.4	5.8
ENE	.5		1.6	1.6	.5							4.3	10.3
E	.5	1.6	1.1	1.6	.5							5.4	9.7
ESE													
SE			1.1									1.1	8.1
SSE	1.1	.5										1.6	4.0
S	1.1	.5	.5									2.2	4.0
SSW	.5	.5	2.2									3.2	6.3
SW	1.6	1.6	.5									3.8	4.0
WSW	.5	1.1	1.1									2.7	6.2
W	.5	4.3	1.6	1.1								7.5	6.9
WNW	1.6	1.1	.5	1.1								4.3	6.3
NW	1.1	3.2	3.8									8.1	6.1
NNW	.5	4.3	3.8	1.1								9.7	7.2
VARBL													
CALM												19.4	
	15.1	30.6	25.8	8.1	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING KAC
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04770 STATION FORT JEVES AAF MASS STATION NAME 12-62 YEARS MAR NORTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	8.6	5.4	1.6								19.4	6.0
NNE	1.1	.5	1.1	1.1								3.8	7.1
NE	2.2	2.7	1.1	2.2								8.1	6.8
ENE		2.2	1.6		.5							4.3	8.0
E	.5	1.6	.5	2.2		.2						5.4	10.8
ESE		.5										.5	4.0
SE	1.1	2.2										3.2	4.3
SSE	.5	.5	.5									1.6	5.0
S	.5	.5										1.1	4.0
SSW	1.1	.5										1.6	3.7
SW	2.2	1.1	1.1									4.3	4.8
WSW	1.1	.5	1.6									3.2	5.7
W	4.3	3.2		.5								8.1	4.3
WNW		.5	2.2		1.1							3.8	10.9
NW	.5	3.2	2.7									6.5	5.9
NNW	1.1		3.8	1.1								5.9	7.9
VARBL													
CALM												19.4	
	19.9	28.5	21.5	8.6	1.6	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/JAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT REVELS AAF MASS YEARS 61-62, 74-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.1	6.1	1.0								15.0	6.3
NNE	1.2	2.2	.8									4.3	4.9
NE	.4	1.4	.8	.6								3.3	7.1
ENE	1.0	1.6	1.0	.4	.2							4.3	6.4
E	.6	.6	.8	.8	.2							3.0	8.5
ESE	.2	.6	.4									1.2	5.0
SE	.4	.2		.2	.2							1.0	8.8
SSE	.4	.2										.6	3.0
S	.6											.6	2.3
SSW	1.4	1.0	1.4									3.9	5.4
SW	1.0	1.2	.8									3.0	5.0
WSW	1.4	1.2	2.4									5.1	5.7
W	.4	3.0	3.3	.2								6.9	6.8
WNW	.2	1.2	2.8	.4								4.7	8.2
NW	1.2	1.0	2.6	1.2	.4							6.5	8.3
NNW	.8	1.2	3.3	1.4								6.7	8.2
VARBL													
CALM												29.9	
	15.2	20.9	26.6	6.3	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING PROGRAM
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT MEYERS AAF MASS YEARS 61-63, 74-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	5.7	4.3	.8							14.7	9.1
NNE	.4	2.0	1.8	1.6	.4							6.1	9.1
NE	.0	2.7	1.0	1.4								5.9	7.3
ENE		.8	1.4	.4								2.5	8.5
E	.6	3.1	2.0	.6	.6							6.8	7.7
ESE	.4	.8	.8									2.0	6.3
SE			.6									.6	10.0
SSE	.6	.8	.2	.2								1.8	5.2
S	1.2	1.0	.8									2.0	4.5
SSW	1.0	1.6	1.4	.6								4.5	6.2
SW	.4	1.4	1.4	.2								3.3	6.3
WSW	.6	1.6	2.5									4.7	6.9
W	1.4	1.8	2.5	2.2								7.8	8.4
WNW			3.5	2.5								6.1	11.2
NW	1.0	1.4	4.3	3.1								9.8	9.2
NNW	.4	.6	5.1	2.0	.8							8.8	10.0
VARBL													
CALM												11.7	
	10.6	21.3	34.8	19.0	2.5							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 511

DATA PROCESSING AREA
ETAC/USAF
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT DEVELS AAF MASS YEARS 61-03-74-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	4.3	4.7	.2							11.5	10.2
NNE	.8	1.6	1.8	.4	.6							5.1	8.0
NE		1.2	.8	.2								2.1	7.5
ENE	.4	2.1	1.4	.2								4.1	6.4
E	.6	1.8	2.7	.6	.6							6.2	8.8
ESE	.2	1.0	1.8		.2							3.1	7.6
SE	.8	.8	.6	.2								2.3	5.7
SSE	.6	.6	.8									1.9	5.6
S	.6	1.9	2.5	.2	.2							5.5	6.9
SSW	.6	1.2	1.9	.6								4.3	7.2
SW	.8	1.9	2.5	1.2								6.4	7.3
WSW		.6	1.6	.6	.4							3.1	10.1
W	.2	2.3	4.5	3.3								10.3	9.4
WNW	.4	.8	2.3	3.5								7.0	10.2
NW		.6	4.3	3.5	.6							9.0	11.1
NNW	.2	1.2	4.5	3.1	.4							9.4	10.3
VARBL													
CALM												8.6	
	6.4	21.4	38.2	22.2	3.1							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04773 STATION FORT EVELS AAF MASS STATION NAME 61-63,74-76 YEARS MAR MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.0	5.5	4.4	.4							14.3	9.3
NNE	.2	1.1	1.7	.8								3.8	8.2
NE	.2	.8	1.5									2.5	6.8
ENE	.2	.4	1.5	.2								2.3	8.3
E	.2	1.5	1.9	.6	.4							4.6	9.2
ESE	.8	1.5	1.1	.2	.4							4.0	6.9
SE	.6	.4	2.1									3.2	7.5
SSE	.6	1.1	1.3	.2								3.2	6.3
S	.6	2.5	1.7	.2								5.3	6.0
SSW	.4	2.7	2.3	.8								6.3	7.3
SW	.4	1.5	2.3	.2								4.4	7.0
WSW		1.3	1.5	.8	.2							3.8	8.9
W		1.1	2.5	2.3	.2							6.1	10.2
WNW	.2	.8	5.9	2.9								9.9	9.7
NW	.2	1.3	4.0	4.0	.6							10.1	10.6
NNW		1.1	4.2	2.9	.4							8.6	10.5
VARBL													
CALM												7.8	
	5.0	22.9	40.8	20.8	2.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 476

DATA PROCESSING GRA C
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT LEVERAS AAF MASS STATION NAME 61-63,74-76 YEARS MAR MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	5.1	3.7	1.4								11.3	7.2
NNE		2.5	.6	1.1								4.2	7.5
NE	.3	1.1	.8	.3								2.5	6.6
ENE	.4	2.0	.8	.3								4.0	5.5
E	1.1	1.7	2.0	.8	.3	.3						6.2	8.3
ESE	1.1	1.4	2.0	.3								4.8	6.1
SE	.8	.8	1.1	.8								3.7	7.5
SSE	.6	1.1	.8									2.5	5.9
S	.8	1.4	1.4									3.7	5.9
SSW	1.1	2.5	.8									4.5	5.3
SW	.3	.8	1.4	.6								3.1	7.9
WSW	.3	.3	1.1	.6								2.3	8.9
W	1.1	2.5	2.3	1.1	.3							7.3	7.7
WNW		1.1	2.3	1.7	.3							5.4	10.1
NW	1.1	2.5	4.5	.6	.3							9.0	7.9
NNW	.3	1.7	3.7	2.5								8.2	9.3
VARBL													
CALM												17.2	
	11.0	28.8	29.4	12.1	1.1	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEWE S AAF MASS STATION NAME 51-63.76 YEARS MAR MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.1	4.3	.8								8.9	7.1
NNE	1.2	2.3	3.1									6.6	6.9
NE	.4	2.7	1.9									5.1	5.6
ENE	.8	2.3	2.3	.8	.4							6.6	7.6
E	.4	1.2	1.2	1.2		.4						4.3	9.6
ESE			1.2	1.2								2.3	10.0
SE													
SSE	.4	.4										.8	3.5
S	1.9	2.3										4.3	3.6
SSW	1.2	.8										1.9	2.8
SW	1.2	.8	3.1	.4								5.4	6.9
WSW	1.6	1.9	.8									4.3	4.5
W	.4	2.3	.4	1.2								4.3	7.5
WNW	.4	1.6	1.6	1.2	.4							5.1	9.0
NW	.8	1.2	3.1	.8								5.8	6.7
NNW	2.3	3.1	2.3	1.9								9.7	6.6
VARBL													
CALM												24.5	
	13.6	26.1	25.3	9.3	.8	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04770 STATION FORT LEVENS AAF MASS 62-63 YEARS 4PK MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	2.8	1.7	.6								10.0	4.6
NNE	1.7		1.7									3.3	5.0
NE	2.2	2.8	1.7									6.7	5.1
ENE	1.1	.6	.6									2.2	4.8
E	.6		2.2									2.8	8.2
ESE	1.1											1.1	2.5
SE	1.1	1.1	.6									2.8	4.0
SSE													
S		.6										.6	6.0
SSW	.6	2.2	.6									3.3	4.7
SW		1.1	1.7									2.8	7.6
WSW	1.1	4.4	4.4	.6								10.6	6.7
W	1.7	1.7	2.8	1.7								7.8	8.1
WNW	1.1	1.7	.6									3.3	4.5
NW	1.7	1.1	3.3	.6								6.7	6.4
NNW	1.1	3.9	2.8	1.1	.6	.6						10.0	8.5
VARBL													
CALM												26.1	
	20.0	23.9	24.4	4.4	.6	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING OFFICE
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04770
STATION

FORT LEVENS AAF MASS
STATION NAME

62-63.76
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	6.6	3.3	1.1								14.2	5.5
NNE	2.2	.5	1.6									4.4	5.0
NE	1.1	.5										1.6	3.3
ENE	.5	.5		1.1								2.2	7.5
E		1.6	1.6									3.3	7.2
ESE													
SE		1.1										1.1	4.0
SSE	.5											.5	2.0
S	.5											.5	3.0
SSW	2.2	1.1	1.1									4.4	4.4
SW	1.1	3.3	.5									4.9	5.0
WSW	3.3	4.4	.5	.5								9.3	4.2
W	1.6	1.6	2.7	1.1								7.1	7.2
WNW	.5	1.6	1.1	.5								3.8	6.7
NW	1.1	1.6	.5									3.3	5.3
NNW	1.6	2.2	2.7	1.1								7.7	7.1
VARBL													
CALM												31.7	
	20.2	26.8	15.8	5.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

183

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT LEVINS AAF MASS YEARS 61-62, 74-76 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0500-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.1	5.3	1.4	.2							12.7	7.0
NNE	.4	2.0	1.2									4.1	6.1
NE	.4	.6	1.0									2.0	5.9
ENE	.2	.8	1.2	.4								2.7	7.7
E	.6	1.2	2.0	.2								4.1	6.7
ESE		.6	.6	.4								1.6	8.1
SE		.4	.6									1.0	6.0
SSE	.2	.2										.4	3.0
S	.4	1.0	.4									1.8	5.7
SSW	1.0	.6	.8									2.4	5.0
SW	1.4	2.2	.8	.6								5.1	5.9
WSW	1.3	1.6	.4									3.9	4.3
W	1.6	3.1	3.1	.8	.2							8.8	7.0
WNW	.6	2.4	3.3	1.2								7.6	7.9
NW	.8	1.0	3.5	1.0	.2							6.5	8.3
NNW	.6	2.0	2.7	.6	.2							6.1	7.6
VARBL													
CALM												29.2	
	13.3	23.1	26.9	6.7	.8							120.0	4.9

TOTAL NUMBER OF OBSERVATIONS 490

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION F. PT DEVERES AAF MASS STATION NAME 61-63, 74-76 YEARS APR MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	8.5	1.8	.4	.2						12.3	9.5
NNE	.2	1.8	4.0	1.0								7.1	8.3
NE	1.2	1.6	3.0	.4								6.3	6.9
ENE	.4	.6	1.6	.2								2.8	6.9
E	.4	1.0	2.8	.4								4.6	7.9
ESE	.4	.4	1.4	.2								2.4	7.8
SE	.4	.6	.2									1.2	4.3
SSE	.2	.8										1.0	5.2
S	.8	1.6	1.2	.2								3.8	5.9
SSW	.4	1.2	.8	.2	.2	.2						3.0	8.3
SW	.8	1.4	1.0	1.0								4.2	7.7
WSW	.2	.8	2.0									3.0	7.1
W	.6	2.4	3.2	1.8	.4							8.5	8.5
WNW	.2	1.2	4.0	3.4	.4	.4						9.7	10.7
NW	.2	1.8	3.2	3.4	1.2							9.9	10.8
NNW	.4	1.4	4.8	2.6	.6							9.9	9.6
VARBL													
CALM												10.1	
	7.1	20.0	42.0	16.8	3.2	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING
 FTAC/USAF
 AIR WEATHER SERVICE/ IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT LEWIS AAF MASS STATION NAME 51-62,74-76 YEARS APR MONTH 1200-1400 HOURS (C.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	4.9	3.3	1.4	.2						13.4	9.8
NNE	.2	1.4	2.2	.6								4.5	7.7
NE	.6	2.0	1.4									4.3	5.9
ENE	.2	.6	2.2	.4								3.5	8.0
E	.6	1.6	2.8	.6	.2							6.1	3.2
ESE	.4	.4	1.4									2.2	7.0
SE		.4	.8									1.2	7.0
SSE	.2	1.2	.6	.2								2.2	6.0
S	.2	.6	.6		.2							1.6	7.9
SSW		.6	1.2	1.0	.6							3.5	11.5
SW	.2	1.0	2.4	.8		.2						4.7	9.3
WSW	.6	.2	2.4	1.6	.4							5.3	10.3
W	.4	.6	6.1	2.4	1.2							10.8	10.4
WNW	.4	.8	5.1	2.6	.6							9.6	10.2
NW	.2	1.6	6.5	2.4	1.2							12.0	10.0
NNW	.4	1.4	4.7	3.0	.6	.2						10.4	10.1
VARBL													
CALM												4.9	
	6.1	17.3	45.5	19.1	6.5	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/140

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVE S AAF MASS STATION NAME 61-63,74-76 YEARS APR MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	4.8	3.1	.8	.4						12.6	10.2
NNE		.8	1.7	.6	.2	.2						3.6	10.5
NE	.2	1.7	1.3									3.8	6.1
ENE	.2	.8	2.9	.4								4.4	8.2
E	.2	1.0	2.1	.6								4.0	8.4
ESE		.6	2.1	.2								2.9	8.2
SE		.4	2.5	.6								3.6	8.6
SSE	.4	.4	.6	.2								1.7	6.3
S		.4	.8	.4								1.7	9.0
SSW		1.0	.8	1.9	.2							4.0	10.5
SW		.6	2.3	1.9	.6							5.4	11.3
WSW		1.0	1.9	.8	.2							4.0	9.8
W		2.5	3.6	2.5	.8							9.4	9.8
WNW		1.5	5.2	2.3	.4							9.4	9.7
NW	.4	2.1	7.1	2.9	.8	.4						13.8	10.3
NNW	.6	1.9	7.1	2.7	.4							12.8	9.3
VARBL													
CALM												3.1	
	2.7	20.3	46.9	21.3	4.6	1.0						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 478

DATA PROCESSING
ETAC/USAF
AF WEATHER SERVICE/ IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION 04779 EIGHT LEVELS AAF MASS STATION NAME 61-63.74-76 YEARS APR MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.8	4.4	.9								9.9	7.1
NNE	.9	.9	2.6	.6								4.9	7.4
NE	1.2	2.3	.9									4.4	5.1
ENE	1.7	.3	1.2									3.2	5.2
E	.9	1.5	2.0	.3								4.7	6.5
ESE		3.2	1.2									4.4	5.7
SE	.9	1.2	.9									2.7	4.9
SSE			.9									.9	8.7
S			1.2		.3							1.5	11.0
SSW	.3	.3	2.6	.3	.3							3.8	9.4
SW		.6	3.5	2.0	.3							6.4	10.5
WSW	.3	1.5	1.5	.6								3.8	7.8
W	.9	3.8	2.9	1.2								8.7	6.7
WNW	.3	1.7	1.5	1.2								4.7	7.6
NW	.3	4.7	6.7	2.6	.3			.3				14.8	9.3
NNW	.6	2.9	2.8	2.9	.3							10.5	8.4
VARBL													
CALM												10.8	
	9.0	28.5	37.5	12.5	1.5			.3				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 344

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT REVERNS AAF MASS 61-63.76 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.2	3.2									10.8	5.4
NNE	1.2	1.2	.4									2.8	4.3
NE	1.6	.8	1.2	.4								4.0	5.8
ENE	.4	2.8	2.8									6.0	6.7
E	.8	1.2	1.2									3.2	5.5
ESE	1.6	.4										2.0	3.0
SE	.8	.8										1.6	3.8
SSE		.4										.4	6.0
S	.4	2.4	2.0									4.8	6.3
SSW	.4	.4	.4									1.2	6.0
SW		.8	1.2	1.6								3.6	9.7
WSW	1.6	2.4	4.4	.4								8.8	6.3
W		2.4	1.2	1.2								4.8	7.8
WNW	1.2	1.2		.8								3.2	6.4
NW	.8	5.2	6.4	1.2	.4							13.9	7.3
NNW	.8	2.8	2.8	.8	1.2							8.4	8.7
VARBL													
CALM												20.7	
	13.9	32.3	27.1	6.4	1.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 251

DATA PROCESSING BRANCH,
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVELS AAF MASS STATION NAME 62-63 YEARS MAY MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.3	.5									6.5	4.6
NNE	.5	.5	1.1									2.2	6.0
NE	2.7	1.1	.5									4.3	4.4
ENE	.5	3.2	1.6									5.4	5.3
E	1.6	.5	.5	.5								3.2	5.2
ESE	1.1	1.1										2.2	3.3
SE		1.1										1.1	5.5
SSE													
S	.5	1.1										1.6	4.3
SSW	1.6	.5	.5									2.7	4.0
SW	1.6	3.2	2.7									7.5	5.6
WSW	2.2	5.4	1.6									9.1	5.0
W	4.3	2.2	1.6									8.1	4.3
WNW	.5	2.2	1.1									3.8	6.0
NW	1.1		2.2									3.2	6.7
NNW	.5	3.2										3.8	5.1
VARBL													
CALM												35.5	
	20.4	29.6	14.0	.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
ET 10/15
AIR FORCE SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 61-63,76 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.0	1.7									7.7	4.6
NNE	1.3	.9	.9									3.0	4.9
NE	1.3	.9	.9									3.0	4.9
ENE	.9	1.7	2.6									5.1	6.3
E			.4									.4	8.0
ESE	.4											.4	3.0
SE	.4											.4	2.0
SSE		.9	.4									1.3	6.3
S	.9	1.7	.4									3.0	5.1
SSW	2.1	.9	.9									3.8	4.2
SW	1.7	3.8	1.3									6.8	4.8
WSW	1.3	2.6	2.1									6.0	5.5
W	1.3	2.6	.9									4.7	4.7
WNW	.9	.4	.9									2.1	5.2
NW	1.3	2.1	1.3									4.7	5.5
NNW	.4	.9	.4									1.7	4.8
VARBL													
CALM												45.7	
	17.1	22.2	15.0									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 234

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.0	1.2								5.7	7.4
NNE	.6	1.2	1.0	.2								3.0	6.3
NE	.6	1.4	.8									2.8	5.4
ENE	.8	2.8	1.6									5.1	5.7
E	1.0	1.2	1.4									3.5	5.5
ESE	.2	.2										.4	3.0
SE	.6	.6	.4									1.6	4.4
SSE	1.2	.4	.2									1.8	3.2
S	2.0	1.4	.4									3.7	4.2
SSW	1.4	2.0	.6	.2								4.1	5.1
SW	2.2	3.0	2.4									7.5	5.5
WSW	1.8	1.8	.6	.2								4.3	4.7
W	1.4	2.4	3.5	.6								7.9	6.6
V/NW	.6	.8	2.4									3.7	6.8
NW	.8	1.2	1.8	.6								4.3	7.3
NNW	.4	1.8	.6	.6								3.3	6.2
VARBL													
CALM												37.2	
	16.3	23.4	19.5	3.5								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 508

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVEREUX AAF MASS STATION NAME 61-63, 74-76 YEARS MAY MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	4.3	2.0	.4							9.2	9.0
NNE		1.8	2.0	.4								4.1	7.3
NE	.8	2.2	1.6	.2								4.7	6.2
ENE	.2	1.6	1.2									2.9	6.3
E	1.0	2.0	2.6	.4								5.9	6.8
ESE	.4	1.0	1.4									2.8	6.6
SE	1.0	2.0	.6	.2								3.7	5.4
SSE	.8	1.4	.2									2.4	4.2
S	2.0	3.1	2.0	.2								7.3	5.3
SSW	.8	1.6	2.4	.8								5.5	7.1
SW	.6	2.4	4.1	1.2								8.3	8.1
WSW	.2	1.2	2.0	.8	.2							4.3	8.6
W	.2	2.0	4.9	2.9		.2						10.2	9.4
WNW	1.0	.2	2.9	1.4								5.5	8.5
NW	.6	1.0	2.6	.6								4.7	8.0
NNW		2.0	1.8	1.4								5.1	8.8
VARBL													
CALM												13.4	
	10.2	26.9	36.3	12.4	.6	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 509

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63,74-76 MAY
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	4.8	1.0	.8							8.9	9.0
NNE	.6	1.6	1.8	.4								4.4	6.8
NE	1.2	1.4	1.8	.6								5.0	6.8
ENE	.6	1.2	1.4									3.2	6.3
E	.6	1.2	2.8									4.6	7.0
ESE	.6	1.0	2.0									3.6	6.7
SE	.8	1.4	1.6	.2								4.0	6.4
SSE	.6	1.8	2.0	.4								4.8	6.5
S	.4	2.4	2.4	1.0								6.2	7.5
SSW	.2	1.6	2.4	1.6								5.8	8.6
SW	.4	2.6	3.8	1.8								8.5	8.3
WSW		1.6	3.0	1.2	.4							6.2	9.3
W	1.2	2.0	5.2	2.6	.2							11.1	8.7
WNW	.2	1.0	3.4	2.0	.8							7.4	10.6
NW	.6	1.0	2.6	1.0	.4							5.6	8.9
NNW		.6	1.8	1.0								3.4	9.4
VARBL													
CALM												7.6	
	8.3	24.3	42.5	14.7	2.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 61-63,74-76 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	2.6	1.2	.4							6.7	8.7
NNE	1.0	1.2	2.0	.2								4.5	6.7
NE	.2	2.2	2.0	.6								5.1	7.4
ENE	.4	.6	.8									1.8	6.0
E	.8	2.0	3.0									5.9	6.3
ESE	.4	2.0	2.6									5.1	6.9
SE	.4	2.4	3.4	1.6								7.9	8.0
SSE	.2	1.0	1.6	.8								3.6	8.1
S	.8	1.4	3.0	.6								5.9	6.9
SSW		2.0	2.6	2.0								6.7	8.8
SW	.4	1.6	3.4	1.6	.4							7.5	8.7
WSW	.4	1.8	3.4	1.6								7.3	8.6
W	.6	3.2	3.4	3.4	.6							11.3	9.4
WNW		.8	1.6	2.0	.2							4.7	10.3
NW	.2	1.2	3.8	.6	.2							6.1	8.2
NNW	.2	1.4	1.4	.8	.2							4.0	8.8
VARBL													
CALM												6.1	
	6.3	27.3	41.1	17.2	2.0							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 494

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AA - MASS STATION NAME 61-63, 74-76 YEARS MAY MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.6	3.6	.3								7.7	6.6
NNE	.3	1.2	.9	.9								3.3	7.2
NE	.6	1.2	.9			.3						3.0	7.7
ENE	1.2	1.2	1.8									4.2	5.4
E	.6	3.9	1.8									6.2	5.4
ESE	.6	2.1	2.4	.6								5.6	6.8
SE	.6	3.0	2.1	.3								5.9	6.6
SSE	.3	.3	1.5	.6								2.7	8.7
S		3.0	2.7		.3							5.9	7.8
SSW	.9	1.2	.9	.3								3.3	6.1
SW	1.8	.1	3.6	2.1	.3							9.8	8.2
WSW	1.2	.9	3.0	1.2								6.2	7.7
W	.9	5.9	1.2	.9								8.9	6.1
WNW	.3	.9	1.2	1.2	.3							3.9	9.7
NW	.3	2.7	3.0	.6								6.5	8.0
NNW	.9	.9	1.8									3.6	6.2
VARBL													
CALM												13.4	
	10.7	33.8	32.0	8.9	.9	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 337

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 61-63 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.9	3.0	.4								8.2	6.3
NNE	.9	1.3	.4									2.6	4.7
NE		1.3										1.3	4.3
ENE	.4	3.0										3.4	4.8
E	.9	1.7	1.7									4.3	5.6
ESE	1.3	.4	.4	.4								2.6	5.8
SE		.4										.4	4.0
SSE	.9	.9										1.7	3.5
S	.9	.9	.9									2.6	5.3
SSW	.9	.9	.9									2.6	5.3
SW	.9	4.3	2.6	.9								8.6	6.5
WSW	2.2	4.7	3.4	.4								10.8	5.9
W	2.6	3.0	3.9									9.5	5.5
WNW	.9	1.3	1.3									3.4	5.8
NW		2.2	2.2	.4								4.7	7.2
NNW	.4	1.3										1.7	4.5
VARBL													
CALM												31.5	
	13.8	31.5	20.7	2.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 232

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 62-63 YEARS JUN MONTH 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	.6									4.4	3.8
NNE	.6	2.2	1.1									3.9	5.1
NE	2.8	.6	.6									3.9	3.4
ENE	2.2	2.2	.6									5.0	4.0
E	.6	3.9	.6	.6								5.6	5.6
ESE	.6											.6	3.0
SE	1.1	.6										1.7	2.7
SSE	.6	1.1										1.7	3.7
S													
SSW	.6	1.7										2.2	4.8
SW	2.8	4.4	1.1									8.3	4.3
WSW	3.9	4.4	1.7									10.0	4.5
W	5.6	6.1	3.9	1.7								17.2	5.4
WNW	2.2											2.2	2.3
NW	1.1	.6	.6	.6								2.8	5.6
NNW	2.8	2.8										3.6	3.6
VARBL													
CALM												25.0	
	29.4	32.2	10.6	2.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63.76 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.3									3.9	5.1
NNE		.4	1.3									1.7	7.8
NE		1.7	1.3									3.0	6.3
ENE	1.3	2.2										3.5	4.4
E	1.3	.9	.9									3.0	4.6
ESE													
SE	.9	.4										1.3	3.3
SSE	.4	.9										1.3	4.0
S	1.3	1.7	.4									3.5	4.3
SSW	.9	1.7	.4									3.0	4.4
SW	3.5	3.0	1.7									8.3	4.4
WSW	6.1	4.3										10.4	3.2
W	6.5	3.0	3.0	.4								13.0	4.9
WNW	.4											.4	2.0
NW	.4	1.3	1.3	.9								3.9	7.6
NNW			.4									.4	7.0
VARBL													
CALM												39.1	
	24.3	23.0	12.2	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JUN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.0									3.3	4.9
NNE	1.4	1.2	1.4	.2								4.1	5.0
NE	1.2	1.8	1.2									4.1	5.1
ENE	1.0	.6	.4									1.9	4.4
E	.4	1.2	.6									2.1	5.9
ESE	.4	.4										.8	3.8
SE	.4	.4	.2									1.0	4.4
SSE	.4	.4	.2									1.0	4.2
S	1.8	4.1	.4	.2								6.4	4.8
SSW	2.1	3.5	.8									6.4	4.6
SW	1.4	3.9	1.9									7.2	5.4
WSW	2.5	1.9	.6	.2								5.3	4.4
W	3.1	3.1	3.1	1.0								10.3	6.0
WNW	.8	1.2	1.0									2.9	5.9
NW	1.2	1.9	.4									3.5	4.3
NNW	1.0	1.0	1.9	.2								4.1	6.5
VARBL													
CALM												35.5	
	20.1	27.7	15.0	1.8								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63,74-76 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.9	3.7	.2								7.6	6.8
NNE	.8	3.3	1.0	.2								5.3	5.6
NE		2.5	1.2	.2								3.9	6.2
ENE	.4	1.9	1.0	.2								3.5	6.3
E	1.2	2.1	2.1	.4								5.8	6.3
ESE	.4	.6	.6	.2								1.8	5.9
SE	.8	1.6	.2									2.5	4.6
SSE	1.2	.2	.4									1.8	4.0
S	1.6	1.8	3.1									6.4	6.0
SSW	.8	1.8	3.5	.2								6.2	6.7
SW	2.1	5.1	3.1	.2								10.5	5.9
WSW	.2	2.9	2.9	.6								7.0	7.1
W	.2	2.1	5.3	1.9								9.5	8.3
WNW	.4	1.6	2.5	1.0	.2							5.6	8.4
NW	1.4	1.9	2.9	.4								6.6	6.7
NNW	.8	1.4	1.2	.6								3.9	6.6
VARBL													
CALM												12.1	
	13.2	33.7	36.6	6.2	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 514

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779
STATION

FOPT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.8	3.0	1.2								8.5	6.8
NNE	.6	1.4	.8	.4								3.2	6.6
NE	.6	1.2	.8	.4								3.0	6.5
ENE	1.4	2.4	2.0	.4								6.1	5.9
E	.8	2.6	2.6	.6								6.5	6.3
ESE	.6	.4	.6									1.6	5.3
SE	.4	1.6	.8									2.8	5.6
SSE		.4	.4									.8	6.8
S	1.0	3.2	3.4	.4								7.9	6.4
SSW	.8	1.8	3.4	.4								6.3	7.1
SW	.6	3.4	6.7	1.0								11.6	7.7
WSW	.4	1.2	3.0	.8								5.3	7.8
W	.2	3.9	8.9	2.0								15.0	8.3
WNW	1.4	1.8	2.6	.8								6.5	7.1
NW	.4	1.6	2.0	1.0	.4							5.3	8.6
NNW	.4	2.0	1.0	.8	.2							4.3	7.8
VARBL													
CALM												5.3	
	11.0	31.4	41.6	10.1	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	2.3	.8								7.8	6.7
NNE		.6	1.0									1.6	7.4
NE	.8	1.6	.4									2.9	4.8
ENE	.8	.4	1.4	.2								2.9	6.6
E	.6	2.1	1.8	.6								5.1	6.9
ESE	.4	1.4	2.5									4.3	6.7
SE	.6	3.7	2.1									6.4	6.0
SSE	.2	2.3	1.0	.2								3.7	6.7
S	.4	2.1	2.7									5.1	6.8
SSW	.2	3.1	2.9	.6								6.8	7.5
SW	.4	2.5	5.7	.6								9.2	7.8
WSW	.8	3.5	5.3	.8								10.5	7.4
W	1.2	3.3	6.4	2.3								13.1	6.1
WNW	.2	1.0	2.9	1.4								5.5	8.9
NW		1.8	1.6	.8								4.3	7.6
NNW	.4	1.4	1.2	1.2								4.3	8.0
VARBL													
CALM												6.4	
	8.6	34.1	41.3	9.7								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 487

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 51-53, 74-76 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.0	.3	.3								5.8	4.6
NNE	.3	.8	1.1									2.2	6.0
NE	.6	1.4	.8									2.8	5.7
ENE		.8	1.1									1.9	6.9
E	1.7	2.2	.8									4.7	4.5
ESE		2.8	.6									3.3	5.6
SE	.6	3.0	1.7									5.3	5.3
SSE	1.1	3.3	1.4									5.8	5.4
S	.8	1.4	2.2	.3								4.7	6.9
SSW	.6	2.8	2.5	.3								6.1	6.7
SW	1.7	6.6	5.0	.6								13.9	6.4
WSW	1.4	4.2	3.3	.3								9.1	6.1
W	1.7	3.0	4.2	1.7								10.3	7.0
WNW	.6	2.2	1.1	.3								4.2	6.3
NW	.6	2.5	.8	.3								4.2	6.0
NNW	.3	2.5	1.4	.3								4.4	6.3
VARBL													
CALM												11.1	
	13.9	42.7	28.3	4.2								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 361

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JUN MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.9										5.8	3.5
NNE		.8										.8	4.0
NE	1.6	.4	1.2									3.3	4.8
ENE	.4	.8										1.2	4.0
E	.8	1.6	.8									3.3	5.0
ESE	2.1	2.5										4.5	3.5
SE		.4	.4									.8	5.5
SSE	.4	1.2	.4									2.1	5.0
S	.8	2.5	.8									4.1	4.5
SSW	1.2	.8	1.2									3.3	5.8
SW	2.1	7.4	2.1									11.5	5.1
WSW	3.3	5.3	4.9									13.6	5.6
W	2.1	3.3	3.3	.4								9.1	5.6
WNW	.8	1.6	.4									2.9	5.1
NW	1.2	2.9	.4									4.5	4.6
NNW	1.2	.4	.8									2.5	4.3
VARBL													
CALM												26.7	
	21.0	35.0	16.9	.4								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 243

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 62-63 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	1.6									7.5	4.5
NNE	.5	1.1										1.6	4.7
NE	1.6											1.6	2.7
ENE													
E	.5	1.1										1.6	4.0
ESE	.5											.5	3.0
SE		.5										.5	4.0
SSE	.5											.5	2.0
S	.5	2.7	.5									3.8	5.1
SSW	.5	1.1	.5	.5								2.7	6.8
SW	.5	4.3	2.2									7.0	5.2
WSW	2.2	2.2	1.6									5.9	5.2
W	5.4	5.4	2.2									12.9	4.6
WNW	.5	2.2	1.1									3.8	5.7
NW	3.8	.5	3.2									7.5	5.0
NNW	1.6	.5	.5									2.7	3.8
VARBL													
CALM												39.8	
	21.5	24.7	13.4	.5								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63,76 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.4	.4									3.0	3.7
NNE	1.7	.4	1.3									3.4	5.1
NE	1.3	.4										1.7	3.3
ENE													
E	.9	.9										1.7	3.8
ESE	.4	.4										.9	4.0
SE													
SSE													
S	.9	2.6	.9									4.3	4.5
SSW	1.3	1.7										3.0	3.7
SW	2.6	4.3	2.6									9.4	5.2
WSW	1.7	1.7	.9									4.3	4.6
W	6.0	4.7	.9									11.6	3.7
WNW	2.6	1.3	1.7									5.6	4.5
NW	1.7	.9	1.3									3.9	5.4
NNW	1.3	1.3	.9									3.4	5.0
VARBL													
CALM												43.8	
	24.5	21.0	10.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 04779 FORT DEVENS AAF MASS STATION NAME 61-63, 74-76 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.0	1.1	.4								8.5	4.8
NNE	1.1	.9	.2									2.3	3.9
NE	.8	1.1	.2									2.1	4.4
ENE	.6	.6	.2									1.3	4.4
E	.8	.6										1.3	3.3
ESE	.2	.4										.6	4.0
SE	.4											.4	3.0
SSE	.8	.2	.2									1.1	3.3
S	3.4	2.8	.4									6.6	3.7
SSW	1.7	3.2	.6									5.5	4.3
SW	1.5	3.0	1.9	.4								6.8	5.6
WSW	1.7	2.1	1.1									4.9	4.7
W	1.5	4.6	1.5									7.6	5.1
WNW	1.3	2.3	1.3	.4								5.3	5.9
NW	.8	2.7	1.5	.2								5.1	6.0
NNW	.8	.8	1.3	.2								3.0	6.4
VARBL													
CALM												37.4	
	20.3	29.2	11.6	1.5								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 527

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JUL MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.0	2.8	1.3								9.1	7.2
NNE	.8	3.4	1.1	.2								5.5	5.9
NE	.6	2.5	.6									3.6	5.1
ENE	1.1	1.7	.4									3.2	4.4
E	1.1	2.5	.2	.2								4.0	4.5
ESE	.8	1.5										2.3	3.9
SE	1.3	1.1	.8									3.2	4.3
SSE	.2	.6	.2									.9	5.8
S	1.1	3.6	.8	.4								5.9	5.5
SSW	.8	2.7	1.5									4.9	5.5
SW	1.3	3.6	3.4	.6								8.9	6.7
WSW	.6	2.1	2.7	.2								5.5	6.7
W	1.3	4.4	4.7	.8								11.2	6.8
WNW	.2	3.6	3.4	.4								7.6	7.1
NW	.6	2.7	2.5	.6								6.2	6.8
NNW	.4	3.0	2.3	.9								6.6	7.1
VARBL													
CALM												11.4	
	13.1	42.8	27.3	5.5								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 528

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-63,74-76 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.1	2.3	2.3								9.3	7.8
NNE	.8	.8	.8	.4	.2							2.9	7.1
NE	.8	1.9	1.0									3.7	5.7
ENE	.4	.6	.2									1.2	4.5
E	1.2	1.0	.6	.2								2.9	4.7
ESE	.4	1.2	.6									2.1	5.5
SE	.6	2.9	1.6	.2								5.2	5.8
SSE	.4	.4	.8	.2								1.7	6.3
S	1.6	2.3	1.7	.4								6.0	6.1
SSW	.6	2.5	4.1	.4								7.6	7.0
SW	.6	4.1	4.7	.8								10.1	7.3
WSW	.8	2.9	3.1	.8								7.6	7.0
W	1.0	4.1	7.4	1.7								14.2	7.7
WNW	.2	1.9	5.2	.4								7.8	7.7
NW	.4	2.1	5.0	.8								8.3	7.8
NNW	.4	1.4	2.3	1.0								5.0	8.1
VARBL													
CALM												4.3	
	10.5	33.2	42.3	9.5	.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 515

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04775 STATION FORT DEVELS AAF MASS STATION NAME 61-62,74-76 YEARS JUL MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	2.8	1.8								7.9	7.9
NNE	.4	1.0	1.4	.8								3.6	7.6
NE	.4	.8	.4									1.6	5.0
ENE	.8	.6	.8									2.2	5.3
E	.8	1.6	2.0	.2								4.6	6.0
ESE	.6	2.0	1.6									4.2	6.0
SE	.4	1.4	.4									2.2	5.5
SSE	.3	1.4	1.2	.4								3.8	6.4
S	.6	1.4	2.0	.8								4.8	7.1
SSW	.6	2.2	3.8	.8								7.5	7.8
SW	.8	3.2	6.1	.8								10.9	7.1
WSW	1.0	2.8	3.6	.2	.2							7.9	7.0
W	1.4	5.1	6.7	1.6	.2							14.9	7.2
WNW		1.4	3.6	.6								5.7	8.3
NW	.6	2.8	3.6	.8								7.9	7.1
NNW	.2	1.2	3.4	.6								5.5	7.8
VARBL													
CALM												4.6	
	10.1	31.7	43.6	9.5	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVELIS AAF MASS STATION NAME 61-63, 74-76 YEARS JUL MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.7	3.3	.3								9.5	6.1
NNE	.3	1.2	.6	.3								2.4	6.8
NE	1.2	1.2	.6									3.0	4.5
ENE	.3											.3	2.0
E	1.5	2.1	.3									3.9	3.8
ESE	.3	1.5	.6									2.4	5.8
SE	.9	1.8	.6									3.3	5.2
SSE	.9	2.1	.6									3.6	4.8
S	.9	2.4	3.6									6.8	6.7
SSW	.9	2.1	1.8	.6								5.4	6.8
SW	1.2	4.2	5.1	.9								11.3	6.7
WSW	2.1	2.4	3.9									8.3	5.8
W	3.0	3.9	3.3	.6		.3						11.0	6.0
WNW		3.0	1.5									4.5	6.0
NW	1.5	3.0	3.0	.3								7.7	6.3
NNW	.6	2.1	1.2	.3								4.2	6.3
VARBL													
CALM												12.5	
	15.8	38.4	29.8	3.3		.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 336

DATA PROCESSING ORN C-
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT GEORGE AAF MASS 61-62 YEARS JUL MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.1										7.0	3.1
NNE	.9	2.2										3.1	4.0
NE	.9											.9	2.5
ENE	1.3											1.3	2.3
E	1.8	.9	.4									3.1	3.7
ESE	.4	1.8										2.2	4.4
SE	1.3	.9										2.2	3.4
SSE	.4	.9	.4									1.8	4.8
S	2.2	.4										2.6	3.0
SSW		2.6	1.8	.9								5.3	7.2
SW	.9	2.2	3.9									7.0	6.1
WSW	2.6	3.1	3.1									8.8	5.3
W	1.3	6.6	2.2									10.1	5.4
WNW	1.8	2.6	.4									4.8	4.5
NW	1.3	3.1	1.8									6.1	5.2
NNW	1.3	.4	.4	.4								2.6	5.5
VARBL													
CALM												31.1	
	22.4	30.7	14.5	1.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 228

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT LEVENS AAF MASS STATION NAME 42-63.76 YEARS AUG MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.1										3.7	2.9
NNE	1.6	.5	3.2									5.3	5.8
NE	.5		2.1									2.7	6.6
ENE													
E	1.1	.5	1.6									3.2	5.5
ESE	.5		.5									1.1	4.5
SE	.5	.5	.5									1.6	5.3
SSE		.5										.5	6.0
S	1.6	2.7										4.3	3.8
SSW	.5	2.7	1.1									4.3	5.4
SW	2.7	5.3	1.6									9.6	4.7
WSW	3.2	2.7	2.1									8.0	4.6
W	2.7	5.3	1.6									9.6	4.6
WNW	1.1	1.6	.5									3.2	5.0
NW	1.1	1.6	1.1									3.7	5.4
NNW	.5											.5	2.0
VARBL													
CALM												38.8	
	20.2	25.0	16.0									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVE S AAF MASS 61-62.76 YEARS
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.0	.4									4.7	4.5
NNE	.9		.9	.4								2.1	6.6
NE	.4	.4	2.1									3.0	6.7
ENE													
E	.4		.4	.4								1.3	7.7
ESE	.9		.9	.4								2.1	7.0
SE													
SSE													
S	.9	1.7										2.6	4.2
SSW	1.2	4.3										5.6	3.9
SW	2.1	5.2	.9									8.2	4.7
WSW	4.7	1.3	.9									6.9	3.6
W	2.1	2.1	1.7									6.0	4.9
WNW	.4	.4	1.3									2.1	6.8
NW		1.3	.4									1.7	6.5
NNW	1.7	1.3										3.0	3.3
VARBL													
CALM												50.6	
	17.2	21.0	9.9	1.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 233

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS

61-63, 74-76

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.6	.8									6.6	4.2
NNE	.9	1.7	1.3	.2								4.2	5.7
NE	.4	.6	1.3									2.3	6.9
ENE			.4									.4	9.0
E	.8	.4	.2									1.3	3.9
ESE		.2										.2	4.0
SE	.4											.4	2.0
SSE	.2	.4		.2								.8	6.3
S	1.9	2.1	.6	.2								4.7	4.5
SSW	2.3	2.3	.4									4.9	3.8
SW	1.7	3.6	.9									6.2	4.8
WSW	1.7	.8	1.5	.2								4.2	5.5
W	1.5	2.3	1.7									5.5	5.3
WNW	.8	1.5	.2									2.5	4.8
NW	.9	1.1	1.1									3.2	5.7
NNW	.8	1.1	.6	.4								2.8	5.8
VARBL													
CALM												50.0	
	16.4	21.5	10.9	1.1								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

530

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779
STATION

FORT DEVENA AAF MASS
STATION NAME

61-63, 74-76
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	6.5	4.1	.6								13.6	6.1
NNE	1.3	2.2	1.7	.4								5.6	6.2
NE	1.5	2.4	1.3	.2								5.4	5.6
ENE	.7	.9	.4									2.1	5.1
E	.7	1.5	.6									2.8	5.3
ESE		.6										.6	5.3
SE		.6	.2									.7	5.3
SSE	.7	.2										.9	2.8
S	1.1	2.4	.7	.2								4.5	5.5
SSW	.9	1.7	1.7	.4								4.7	6.2
SW	1.7	3.7	2.2	1.3								9.0	6.7
WSW	.7	2.8	2.2	.6								6.4	6.4
W	1.7	2.8	3.7	.6								8.8	6.7
WNW	.9	1.3	2.2	.4								4.9	6.9
NW	1.3	3.2	3.2	.4								8.0	6.3
NNW	1.5	2.1	2.1	.7	.4							6.7	7.1
VARBL													
CALM												15.3	
	17.4	35.0	26.4	5.6	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 535

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HQRLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 61-63,74-76 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.8	4.8	.8	.4							11.5	7.1
NNE	.8	2.1	.8	.6								4.2	6.0
NE	.8	2.9	1.5									5.2	5.7
ENE	.8	1.3	.8									2.9	5.3
E	1.9	2.1	1.0									5.0	4.9
ESE	.8	1.2	.2	.2								2.3	5.4
SE		1.2	.4									1.5	5.5
SSE	.6	1.0		.2								1.7	4.9
S	1.0	1.7	1.2	.2								4.0	5.8
SSW	.4	2.9	1.5	1.0								5.8	7.2
SW	.2	1.9	4.8	1.0								7.9	8.2
WSW	.6	2.3	4.0	1.3	.2							8.5	8.3
W	.4	4.2	7.5	1.0								13.1	7.7
WNW	1.3	2.1	1.7	.8								6.0	6.5
NW	.4	1.7	2.9	.8								5.8	7.9
NNW	1.0	3.1	2.9	.8								7.7	6.9
VARBL													
CALM												6.9	
	12.5	35.6	36.0	8.5	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 520

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION EORT DEVERNS AAF MASS 61-63, 74-76 YEARS AUG MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.8	2.8	.8	.4							8.8	7.0
NNE	.2	1.4	.6	.4								2.6	6.4
NE	1.4	.8	1.6									3.8	5.2
ENE	1.0	2.4	1.0									4.4	5.1
E	1.6	.8	2.0									4.4	5.5
ESE	1.0	1.6	1.2	.4								4.2	6.0
SE	.6	1.4	.8									2.8	5.6
SSE	.4	1.0	.8									2.2	5.8
S	1.4	1.6	2.4	.4								5.8	6.6
SSW	.6	3.4	1.4	1.0								6.4	6.9
SW	.4	1.8	3.6	1.4								7.2	8.3
WSW	1.2	2.4	4.0	.4								8.0	7.0
W	.4	4.8	6.4	1.6								13.2	7.8
WNW		2.0	2.6	.4								5.0	7.1
NW	.6	3.2	2.4	1.6								7.8	7.4
NNW	.6	1.0	2.8	1.2	.2	.2						6.0	9.3
VARBL													
CALM												7.4	
	13.4	32.4	36.4	9.6	.6	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION EDRT DEVERNS AAF MASS 61-63, 74-76 YEARS AUG MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	2.1	1.2								7.4	6.8
NNE	.6	.3	.6	.6								2.1	7.1
NE	.6	.9	.6	.3								2.4	6.0
ENE		1.5	.6									2.1	5.9
E	1.5	1.2	.9									3.5	4.5
ESE	1.2	1.2										2.4	3.6
SE	.9	2.6	1.5									5.0	5.1
SSE	.6	2.1	.3									2.9	5.0
S	2.1	2.1	1.2									5.3	4.3
SSW	1.9	2.1	2.4	.3								6.5	6.2
SW	1.2	4.1	5.0	1.8								12.1	7.3
WSW	1.8	3.2	.9	.3								6.2	5.3
W	4.4	6.2	2.6	.6								13.8	5.0
WNW	.6	1.8	.6									2.9	5.4
NW	.6	2.9	1.8	.3								5.6	6.4
NNW	.9	1.5	1.5									3.8	5.8
VARBL													
CALM												16.2	
	19.1	37.1	22.4	5.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 340

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENA AAF MASS

61-63.76

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.3	.4								4.7	5.9
NNE	.9	.4	1.7									3.0	6.3
NE	.4	.9	1.3									2.6	6.3
ENE		.4	1.3									1.7	7.5
E	.4	1.3										1.7	4.3
ESE	.9		.4									1.3	5.0
SE	1.3	.4										1.7	3.0
SSE	1.3											1.3	2.7
S		.9										.9	4.0
SSW	.4	2.6	2.6									5.5	6.5
SW	2.1	8.9	3.0	.4								14.5	5.5
WSW	3.0	3.0										6.0	3.7
W	1.3	4.7	3.0									8.9	5.7
WNW	.4	.4	.9									1.7	5.5
NW	1.3	2.1	1.3									4.7	5.0
NNW	.9	1.3	.9	.4								3.4	6.1
VARBL													
CALM												36.6	
	15.7	28.9	17.4	1.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

235

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS 61-63 YEARS SEP MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2										5.4	3.4
NNE	.5		1.1									1.6	5.7
NE	.5	1.6	1.1	1.6								4.8	8.1
ENE													
E	3.2	1.1	1.1									5.4	4.0
ESE													
SE	2.2											2.2	2.0
SSE			.5									.5	7.0
S		2.7	2.2									4.8	6.0
SSW	1.6	3.2	1.6									6.5	5.2
SW	2.7	1.1	3.2									7.0	5.6
WSW	.5	.5	.5									1.6	5.3
W	3.8	1.1	2.2									7.0	4.6
WNW			1.1									1.1	9.0
NW	.5		.5									1.1	6.5
NNW	.5	.5										1.1	3.0
VARBL													
CALM												50.0	
	19.4	14.0	15.1	1.6								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63,74,76 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.4	.9									2.6	4.8
NNE	1.7	.5	.9									3.4	4.1
NE		.9	.9	.9								2.6	8.3
ENE	.4	.9		.4	.4							2.1	8.8
E	1.7		.4	.4								2.6	5.0
ESE													
SE	1.7		.4									2.1	3.6
SSE													
S	1.3	.9	1.3									3.4	5.4
SSW	1.3	2.1	1.7									5.2	4.9
SW	2.6	3.4	2.6									8.6	5.1
WSW	1.3	1.3										2.6	3.0
W	2.6	1.3	.4									4.3	3.6
WNW	1.3	1.7	1.3									4.3	4.9
NW		.4	2.1									2.6	7.8
NNW	.9	1.3	.4									2.6	5.0
VARBL													
CALM												51.1	
	18.0	15.5	13.3	1.7	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION PORT DEVERNS AAF MASS 61-63.74-76 YEARS SEP MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.3	.4	.2								5.3	4.3
NNE	1.8	.8	.6	.2								3.3	4.5
NE	.4	2.1	1.0	.2								3.7	6.3
ENE	.4	.6	.4	.2	.6							2.1	9.3
E	1.2	.6	.2									1.9	3.8
ESE													
SE	.8											.8	2.5
SSE													
S	1.0	1.2	.8									2.9	5.1
SSW	2.9	.2	.6									3.7	3.3
SW	2.9	2.9	.6	.2								6.6	4.3
WSW	2.7	1.8	.4	.2								5.1	4.1
W	1.8	3.1	1.2									6.0	4.6
WNW	.4	1.6	1.2	.8								3.9	6.9
NW	1.2	1.6	1.6	.2								4.5	5.7
NNW	.8	1.4	.8									2.9	5.5
VARBL													
TOTAL												47.2	
	20.5	20.1	9.6	2.1	.6							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FDPT DEVERNS AAF MASS STATION NAME 51-63, 74-76 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	3.2	.8								8.5	6.6
NNE	.8	2.2	1.6	.2								4.7	6.1
NE	1.6	2.4	1.2	.4								5.5	5.3
ENE	.8	1.0	1.0	.2	.6	.4						3.9	9.8
E	1.0	.6	2.2									3.7	6.5
ESE	.4	.4	.6									1.4	5.3
SE	.6	.6	.6									1.8	4.9
SSE	1.6	.6	.6	.2								3.0	4.5
S	1.8	2.2	2.0	.4	.2							6.5	6.1
SSW	2.4	2.4	2.6	.2								7.5	5.5
SW	1.0	2.4	1.8	.2								5.3	5.6
WSW	.6	2.0	1.2	.4								4.1	6.4
W	1.4	4.1	3.6	.8								9.9	6.5
WNW	.4	1.4	4.1	1.4	.2							7.5	8.8
NW	.2	2.0	4.9	1.0								8.1	8.2
NNW	1.0	1.0	1.4	.4								3.7	6.3
VARBL													
CALM												14.8	
	17.2	27.8	32.3	6.5	1.0	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 61-63, 74-76 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.2	1.8	.4								7.0	6.4
NNE	.6	1.4	1.2									3.2	5.6
NE	.8	1.6	1.4									3.8	5.9
ENE	.8	1.0	1.8	.8	.2							4.6	8.5
E	1.2	2.0	2.4	.2								5.8	6.3
ESE	.4	.4	.4									1.2	5.0
SE	.6	1.2	1.0	.2								3.0	5.7
SSE	.8	1.2	.6									2.6	4.8
S	1.6	4.0	3.4	.4	.2							9.7	6.4
SSW	1.8	2.8	4.2	.4	.2							9.5	6.9
SW	1.0	3.8	5.6	.4								10.9	6.9
WSW	.4	1.4	2.0	.2								4.0	7.3
W	.8	2.2	4.2	1.4								8.7	7.6
WNW		.6	3.2	1.2								5.0	9.2
NW	.2	1.4	3.8	1.8								7.2	8.9
NNW	.6	1.4	3.6	.2								5.8	7.6
VARBL													
CALM												7.8	
	12.3	30.8	40.8	7.6	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 497

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 61-63, 74-76 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.8	2.5	1.3	.2								4.8	5.4
NNE	.4	1.3	1.3	.2								3.2	6.2
NE	.6	1.7	1.7									4.0	6.0
ENE	.8	1.1	.8	.4	.2							3.4	7.5
E	1.9	2.3	1.3		.2							5.7	5.4
ESE	.4	1.7	.6									2.7	5.2
SE	1.5	2.7	1.1									5.3	4.8
SSE	.8	1.1	1.5	.2								3.6	5.9
S	1.9	2.3	1.5	.2								5.9	5.0
SSW	2.1	3.8	2.6	.4								9.9	6.2
SW	1.5	3.6	3.6	.6	.2							9.5	6.7
WSW	1.3	1.9	1.7	.2	.2							5.3	6.4
W	3.4	1.9	2.3	.8								8.4	5.7
WNW	1.1	1.1	3.8	.2								6.1	7.0
NW	1.3	1.7	4.6	.4								8.0	7.0
NNW	.2	2.1	2.7	.2								5.3	6.9
VARBL													
CALM												9.1	
	20.0	32.6	33.3	4.2	.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 475

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENA AAF MASS 61-63, 74-76 YEARS SEP MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.9	.6	.3								5.7	4.4
NNE		.3		.6								.9	10.0
NE		.9		.6								1.6	8.4
ENE	.6			.6								1.3	7.0
E	2.5	2.2	.3	.3								5.4	4.2
ESE	2.2	.9										3.2	3.1
SE	3.2	2.8	.6									6.6	4.0
SSE	1.3	1.3										2.5	3.9
S	1.6	6.6	1.3									9.5	5.0
SSW	2.8	3.8	2.5	.6								9.8	5.3
SW	1.6	2.8	.9	.3								5.7	5.2
WSW	.9	3.5	.3	.6								5.4	5.6
W	2.2	2.8	1.3		.3							6.6	5.5
WNW	.6	1.3	1.3									3.2	5.5
NW	.9	2.5	1.3	.3								5.0	5.5
NNW	1.3	1.9	.3									3.5	4.2
VARBL													
CALM												24.3	
	24.6	35.6	10.7	4.4	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 317

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 41-63.76 YEARS SEP MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	.9	1.4									5.9	4.2
NNE	.5	.5										.9	3.5
NE				.9	.5							1.4	15.3
ENE	.9	.5										1.4	3.0
E	3.2	2.7	.9	.9								7.7	4.9
ESE	.9											.9	2.5
SE	.5											.5	2.0
SSE	.5		.5									.9	6.0
S	3.6	2.3	2.3	.5								8.6	5.5
SSW	2.3	2.7	2.3									7.2	5.3
SW	2.7	2.7	.9									6.3	4.4
WSW	.9	.9	2.7									4.5	6.4
W	.5	2.7	2.3									5.4	5.9
WNW		.9										.9	4.5
NW	.5	2.3	.9									3.6	5.1
NNW	.9	1.4	.5									2.7	4.3
VARBL													
CALM												41.4	
	21.2	20.3	14.4	2.3	.5							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04770 FORT DEVENS AAF MASS

61-62

QCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	.8	2.5	1.6								8.2	6.7
NNE	1.6	1.6	2.5									5.7	6.3
NE				2.5								2.5	13.0
ENE													
E													
ESE													
SE													
SSE													
S		1.6	.8									2.5	5.3
SSW	2.5	.8	2.5									5.7	5.1
SW	1.6	3.3	1.6	1.6								8.2	7.1
WSW		.8	.8									1.6	6.5
W	.8	4.9	.8	4.1								10.7	8.2
WNW		.8	2.5									3.3	7.8
NW	2.5	2.5	1.6	.8								7.4	5.9
NNW	4.9	1.6	.8	.8								8.2	4.4
VARBL													
CALM												36.1	
	17.2	18.9	16.4	11.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

122

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 PORT DEVENS AAF MASS

60-62.76

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.5	1.2									6.5	5.2
NNE	1.2	1.8	2.4									5.3	6.7
NE	.6	1.2	.6	2.4	.6							5.3	10.9
ENE			.6									.6	7.0
E			.6									.6	8.0
ESE													
SE	1.2											1.2	2.0
SSE													
S	2.9	.6	.6									4.1	3.7
SSW	1.2	2.4	.6									4.1	4.4
SW	.6	1.8	1.2	2.4								5.9	8.2
WSW	1.2	1.8	1.8									4.7	5.6
W	1.2	2.9	3.5	1.8								9.4	7.6
WNW	.6	.6	.6									1.8	5.7
NW	1.2	4.7	2.9									8.8	5.5
NNW	1.2	1.8	1.8									4.7	5.6
VARBL													
CALM												37.1	
	14.7	22.9	18.2	6.5	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 170

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENA AAF MASS

60-62, 74-76

UCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.2	1.6	.2								8.7	4.7
NNE	2.1	1.1	.9	.7								4.8	3.4
NE	.9	.9	.9									2.8	5.1
ENE	.5	.5	.9									1.8	6.5
E	.2	.5	.9	.2								1.8	7.3
ESE			.7									.7	9.3
SE	.2	.2										.5	3.5
SSE	.2											.2	3.0
S	2.3	1.4	.5									4.1	3.6
SSW	.7	2.3	.9									3.9	5.2
SW	2.1	2.1	2.3									6.4	5.6
WSW	1.6	2.1	1.4									5.0	5.4
W	.5	3.7	2.8	.7								7.6	6.4
WNW	1.1	1.8	.2	.2								3.4	4.5
NW	.5	1.6	1.4	.5								3.9	7.0
NNW	.9	1.8	2.8	.5	.2							6.2	6.9
VARBL													
CALM												38.1	
	17.4	23.2	18.1	3.0	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 60-62,74-76 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.5	5.6	.7								14.1	6.2
NNE	.4	2.0	2.0	.4								4.9	6.9
NE	.4	1.8	2.5									4.7	6.5
ENE	1.1	.7	1.1									2.9	5.3
E	.9	.7	1.1	.4								3.1	6.4
ESE	.7	.4	.4	.2								1.8	5.9
SE	.2	.7										.9	4.5
SSE	.2	.2										.4	4.0
S	1.3	1.6	1.1									4.0	5.2
SSW	1.1	2.0	.4	.2								3.8	5.5
SW	1.1	.9	2.9	1.3								6.3	7.8
WSW	1.3	1.3	1.6	.7								4.9	6.3
W	1.1	2.0	4.3	1.3								8.7	7.6
WNW	.9	2.2	2.2	2.9	.2							8.5	8.6
NW	.2	2.0	3.1	1.6								7.0	8.6
NNW	.9	2.5	3.6	.4	.4							7.8	7.3
VARBL													
CALM												15.9	
	15.5	25.6	32.1	10.3	.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS 60-62.74-76 YEARS OCT MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	3.7	.7								6.6	7.3
NNE	1.1	1.4	1.6									4.1	5.2
NE	.7	.9	2.3	.5								4.3	7.1
ENE	.9	1.4	1.4	.5								4.1	6.9
E	.2	1.6	1.6	.2								3.7	6.9
ESE	1.4	.9	.2	.2								2.7	4.3
SE	.5		.2									.7	4.3
SSE	.2	.7										.9	4.8
S	.7	4.1	1.4									6.2	5.4
SSW	.2	3.2	1.6	.7								5.7	7.1
SW	.2	2.5	2.3	.5	.2							5.7	7.4
WSW		2.1	3.7	.9								6.6	7.7
W	.5	2.3	6.9	2.1								11.7	8.6
WNW		1.6	3.0	3.7	.2							8.5	10.2
NW	.5	3.0	6.4	3.2	.2							13.3	8.8
NNW	1.1	2.7	3.0	.9	.2							8.0	7.3
VARBL													
CALM												7.1	
	8.7	30.2	39.1	14.0	.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 437

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.7	1.0								4.8	7.3
NNE	.7	1.2	.2	.2								2.4	5.2
NE	.7	1.0	2.1									3.8	6.3
ENE		1.0	.5	.5								1.9	8.0
E	1.4	2.1	.5									4.0	4.8
ESE	.7	.7	.7									2.1	5.6
SE	.5	1.4	.7									2.6	5.4
SSE	.7	1.9										2.6	4.0
S	.5	2.1	1.7	.5								4.8	6.9
SSW	1.4	2.4	1.4	.5								5.7	5.6
SW	1.2	1.7	1.9	1.2								6.0	7.0
WSW	1.2	2.9	.7	.7	.2							5.7	6.3
W	2.4	2.9	3.1	.5								13.8	7.2
WNW	.7	2.6	3.6	1.4								8.3	7.4
NW	1.4	4.5	4.5	2.1								12.6	7.5
NNW	1.4	2.1	2.1	.7								6.4	6.6
VARBL													
CALM												12.4	
	15.7	31.9	30.5	9.3	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 420

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62, 74-76
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	2.6	.4								7.5	5.9
NNE	.7											.7	2.5
NE	.7	.4	2.2	.4								3.7	7.5
ENE	1.5	1.1	1.1	.7								4.5	6.2
E	.7	.4										1.1	3.0
ESE	.4	2.2	.4									3.0	4.9
SE	1.1	1.1	.4									2.6	3.9
SSE													
S	.7	1.5		.4								2.6	5.4
SSW	1.1	1.5	1.9	.7								5.2	6.6
SW	1.9	1.5	1.5	.4								5.2	5.6
WSW	3.0	1.9	.7	.4								6.0	4.3
W	4.5	4.9	1.9									11.2	4.7
WNW	1.5	1.1	1.5	1.1								5.2	6.6
NW	1.1	1.1	.7	.7								3.7	6.6
NNW	.4	1.1	1.9	.4								3.7	7.6
VARBL													
CALM												34.0	
	21.6	22.0	16.8	5.6								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-62 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	4.2	1.2	3.6									9.5	5.2
NNE	2.4	.6	.6	.6								4.2	5.4
NE	.6	.6	1.2									2.4	5.5
ENE		3.0		1.2								4.2	7.1
E		1.2										1.2	5.0
ESE		.6	.6									1.2	7.0
SE													
SSE													
S	1.8		.6	.6								3.0	5.6
SSW	.6	1.2	1.2	1.2								4.2	7.0
SW	.6		1.2	.6								2.4	8.3
WSW	1.8	1.8	2.4	.6								6.5	6.0
W	1.8	2.4	3.6	1.2								8.9	6.9
WNW	1.2	1.2	1.8	.6								4.8	7.0
NW	1.2	3.6	3.0	1.2								8.9	6.5
NNW		3.6	1.2									4.8	5.3
VARBL													
CALM												33.9	
	16.7	20.8	20.8	7.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 61-62 YEARS NOV NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	3.3	6.1	3.3	1.7							19.4	8.3
NNE	.6	2.8	1.7									5.0	5.9
NE	1.7	.6		1.1								3.3	6.5
ENE	.6											.6	3.0
E	2.2											2.2	2.8
ESE													
SE		.6										.6	4.0
SSE	.6											.6	2.0
S	.6	.6	.6									1.7	5.3
SSW	1.7	2.8										4.4	3.4
SW	1.1	1.1	.6									2.8	4.2
WSW	.6		1.7									2.2	8.0
W	3.3	1.7										5.0	3.2
WNW	1.1	.6	2.8	.6								5.0	7.6
NW	1.7	1.7	2.2									5.6	5.5
NNW	2.2	3.9	4.4	.6								11.1	6.4
VARBL													
CALM												30.6	
	22.8	19.4	20.0	5.6	1.7							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS 60-62 YEARS NOV NORTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	6.0	2.2	4.4	1.1							16.5	7.9
NNE	2.2	3.8	2.2		.5							8.8	5.9
NE	1.1	3.3										4.4	4.3
ENE		1.1										1.1	5.5
E		.5										.5	4.0
ESE													
SE	1.1	.5										1.6	2.7
SSE													
S													
SSW	2.2	1.1	1.1									4.4	4.9
SW	1.1	2.7	1.1									4.9	5.3
WSW	.5	.5	1.1									2.2	6.5
W	1.6											1.6	2.3
WNW	1.1	.5	2.7	.5								4.9	7.7
NW	2.2	2.2	2.2	.5								7.1	6.0
NNW	2.7	3.3	1.6	1.1								8.8	6.1
VARBL													
CALM												33.0	
	18.7	25.8	14.3	6.6	1.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS 60-62,74-76 YEARS
STATION NAME
ALL WEATHER CLASS
0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.7	2.3	.5								10.9	4.6
NNE	.5	.9	1.1	.5	.2							3.2	8.1
NE	.2	1.1	.2									1.6	5.4
ENE	.2	.2	.9									1.4	7.2
E		.5	.5									.9	6.3
ESE	.5	.2	.2									.9	5.0
SE													
SSE													
S	1.1	1.1	.5	.2								2.9	4.9
SSW	3.6	1.1	.9									5.7	4.0
SW	1.4	2.0	2.0									5.4	5.5
WSW	1.1	1.6	2.0	.2								5.0	5.9
W	2.3	3.2	2.3									7.7	5.4
WNW	1.1	.9	1.4	.9	.2							4.5	7.9
NW	.7	.7	1.8	.7								3.8	7.6
NNW	.7	2.5	1.1	1.4	.2							5.9	8.0
VARBL													
CALM												40.3	
	18.8	18.8	17.2	4.3	.7							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 442

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS

50-62,74-76

NNV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.7	3.5	1.9								11.7	6.8
NNE	1.4	3.5	1.9		.4							7.2	6.1
NE	.6	.6	1.0									2.1	5.9
ENE	.2	1.2	.6	.2								2.1	6.4
E	.2	1.0	.4	.2								1.8	6.3
ESE			.4									.4	8.5
SE		.2										.2	4.0
SSE	.4	.2										.6	3.3
S	.8	1.0	.6	.4								2.7	5.9
SSW	1.4	1.2	2.1	.2								4.9	6.4
SW	.6	1.8	2.3	.6								5.3	7.3
WSW	.8	2.3	1.9	1.4								6.4	7.2
W	1.4	2.5	7.6	1.8								13.3	7.8
WNW	.4	1.0	3.7	1.4	.4	.4						7.2	10.2
NW	.2	1.2	2.7	1.0								5.1	9.0
NNW	.6	1.6	2.3	1.2	1.0							6.6	9.5
VARBL													
CALM												22.4	
	11.3	22.8	31.2	10.1	1.8	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.9	3.7	.8	.4							9.0	7.3
NNE	.8	1.4	1.9	.6								4.7	7.3
NE	.8	1.0	1.0	.4								3.1	6.7
ENE	1.8	1.4	.2									3.3	3.8
E	.6	1.0	.6	.2								2.3	6.1
ESE	.2	.2										.4	3.5
SE		.6		.2								.8	6.3
SSE	.8	.4		.2								1.4	4.6
S	.8	1.8	.8	.2								3.5	5.5
SSW	.4	.8	3.9	.4	.2							5.7	8.4
SW	.6	1.6	2.3	.8	.2							5.5	8.3
WSW	.6	1.0	1.8	2.1	.2							5.7	9.1
W	1.0	5.1	7.0	2.5	.2							15.8	8.0
WNW	.6	1.4	3.3	3.1	.8							9.2	10.3
NW	.8	1.9	5.3	2.9	.4							11.3	8.8
NNW	.6	1.8	2.7	1.8	.6							7.4	9.4
VARBL													
CALM												11.1	
	12.3	23.0	34.5	16.2	2.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62,74-76 YEARS NOV MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	4.0	1.4	.2							9.7	7.7
NNE	1.0	.6	1.2	.2								3.0	6.1
NE	1.0	1.0	.6	.4								3.0	6.1
ENE	.8	.6	.2									1.6	4.0
E	1.2	1.2	.4									2.8	4.0
ESE	.4	.4	.2									1.0	4.8
SE	.6	1.0	.2									1.8	4.1
SSE	.6	2.0										2.6	4.3
S	.8	2.2	.4	.2								3.6	5.1
SSW	1.0	2.4	2.6	.2								6.3	6.3
SW	2.0	1.8	3.4	.6								7.9	6.4
WSW	1.2	2.0	1.8	1.0								6.1	6.8
W	2.4	4.2	6.5	1.8								14.9	7.0
WNW	.2	2.2	3.2	1.0								6.7	8.1
NW	1.4	2.2	3.6	1.4	.2							8.9	7.7
NNW	.4	1.2	2.8	2.6	.4							7.5	10.3
VARBL													
CALM												12.5	
	17.2	27.3	31.3	10.9	.8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS 60-62,74-76 YEARS NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.8	2.5	3.1	.5							11.7	7.8
NNE	1.3	.5	1.5	.3								3.6	6.0
NE	1.0	1.3	.8									3.1	5.3
ENE			.5	.3								.8	10.0
E		.5										.5	4.5
ESE	.3	.3										.5	3.0
SE	.8											.8	1.7
SSE		.8										.8	4.0
S	1.8	1.3	2.0									5.1	5.6
SSW	1.8	1.8	3.8									7.4	6.3
SW	.8	2.0	1.5	.8								5.1	6.8
WSW	2.0	2.3	2.3									6.6	5.2
W	1.8	3.1	3.1									7.9	6.0
WNW	.8	2.0	2.3	.5								5.6	6.7
NW	1.5	2.0	2.5									6.1	5.9
NNW	.8	2.0	2.8	.3								5.9	6.8
VARBL													
CALM												28.8	
	17.3	22.6	25.7	5.1	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 393

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS 60-62.75 40 NV
STATION STATION NAME YEARS NORTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.8	5.3	3.6	.4							14.2	8.4
NNE	.8	1.2	.8									2.8	5.3
NE		1.6	.8	.8								3.2	7.5
ENE			.4									.4	10.0
E													
ESE													
SE													
SSE													
S	.8	.4	1.2									2.4	5.5
SSW	.0	1.6	2.4									6.1	5.5
SW	1.6	3.6	5.3									10.5	6.5
WSW	.4	2.4	.4									3.2	4.9
W	1.2	1.6	2.0									4.9	6.3
WNW	.4	1.6	.8	.4	.4							3.6	7.6
NW		2.4	1.2									3.6	5.8
NNW	2.0	2.4	2.4	.8								7.7	6.5
VARBL													
CALM												37.2	
	11.2	21.9	23.1	5.7	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 247

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVERNS AAF MASS STATION NAME 60-62 YEARS DEC MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.7	1.6	1.1	.5	.5						10.1	7.4
NNE	.5		.5									1.1	5.0
NE	.5	.5	3.2									4.2	7.6
ENE	1.1	1.1	.5	1.1								3.7	6.7
E	1.6		.5									2.1	4.0
ESE													
SE													
SSE	.5											.5	2.0
S	1.6		1.6									3.2	5.7
SSW			1.1	1.1								2.1	11.0
SW	.5	.5	1.6									2.6	7.2
WSW	1.6	1.1	1.6									4.2	4.8
W	3.2	.5	3.7									7.4	5.7
WNW	2.6	1.1	2.6									6.3	5.7
NW	1.1	1.1	4.8	1.1								7.9	7.9
NNW	1.1	1.6	1.6	.5	.5							5.3	8.0
VARBL													
CALM												39.2	
	18.5	11.1	24.9	4.8	1.1	.5						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 FORT DEVENS AAF MASS 60-62 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.8	1.6	2.1	.5	1.1						12.7	3.5
NNE	.5	1.1	.5									2.1	5.0
NE	2.1	1.1	2.0	.5								6.2	6.2
ENE	1.6	1.1	1.6	.5								4.8	6.4
E	.5	.5			1.1							2.1	12.0
ESE													
SE	.5	.5										1.1	3.5
SSE	.5											.5	3.0
S			1.1									1.1	9.0
SSW		.5	.5									1.1	6.5
SW	.5		1.1	.5								2.1	8.3
WSW	2.1	1.1	3.2	1.1								7.4	7.0
W	1.1	4.8	3.2	.5								9.5	5.6
WNW		.5	2.6									3.2	8.2
NW	1.6	.5	2.6	.5								5.1	6.9
NNW		3.2	2.1	1.1								6.2	7.9
VARBL													
CALM												34.4	
	13.8	19.6	22.8	6.9	1.6	1.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENIS AAF MASS STATION NAME 50-62,74-76 YEARS DEC MONTH 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.1	1.1	1.6	.2	.4						9.4	7.3
NNE	.9	1.3	.9	.2								3.4	5.2
NE	.2	1.3	1.6	.4								3.6	7.6
ENE	.4	.2	.4	.2	.2							1.6	8.7
E	.4			.4	.4							1.3	11.2
ESE													
SE	.2											.2	1.0
SSE	.4											.4	2.5
S	.9	.4	1.3	.2								2.9	6.2
SSW	.7	1.1	.4	.4								2.7	6.2
SW	1.1	1.6	.9	.2								3.8	5.4
WSW	2.0	1.3	1.3	.4								5.1	5.5
W	2.2	2.0	3.4	.4								8.1	6.3
WNW	.9	2.7	2.2	.4	.2							6.5	7.2
NW	1.8	1.8	2.5	.2								6.3	5.9
NNW	.7	1.8	.2									2.7	4.6
VARBL													
CALM												42.1	
	15.9	18.8	16.3	5.4	1.1	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 447

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04779 STATION NAME FORT DEVENS AAF MASS YEARS 60-62, 74-76 DFC NORTH 0900-1100
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	2.9	1.7	.2							9.1	7.2
NNE	1.0	2.7	1.6	.2								5.4	5.8
NE	1.2	.4	1.4	.2								3.1	6.2
ENE		.4	.2	1.0	.2							1.7	10.8
E	.4	.2	.4	.2	.6							1.7	11.1
ESE	.2											.2	2.0
SE	.2		.2									.4	5.5
SSE	.6		.6									1.2	6.5
S	1.2	1.4										2.5	3.7
SSW	1.9	1.0	1.0	.2								4.1	4.6
SW	.6	1.4	1.6	.6	.4							4.5	7.9
WSW	.8	1.6	2.7	.8								5.8	7.4
W	.8	3.7	4.1	1.6								10.1	7.7
WNW	.8	2.3	4.5	1.0								8.5	7.8
NW	.6	1.9	3.5	1.7								7.8	8.5
NNW	.6	1.0	2.5	.4								4.5	7.6
VARBL													
CALM												29.5	
	12.4	20.3	26.9	9.5	1.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 516

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 PORT DEVELKS AAF MASS

60-62,74-76

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	3.6	1.8		1.2						11.1	9.3
NNE	1.4	2.2	.6		.6							4.8	6.4
NE	1.4	1.4	.4	.4								3.6	5.3
ENE	1.0	1.0	1.0	.4								3.4	6.5
E	.6	.6	.4	.4								2.0	6.7
ESE			.2	.2								.4	12.0
SE		.4										.4	4.5
SSE	.4	.6	.8		.2							2.0	6.8
S	1.2	2.2	1.0	.4								4.8	5.8
SSW	.8	1.2	2.6	.2								4.8	6.7
SW	1.8	1.4	2.4	1.2	.2							6.9	7.6
WSW	.6	1.4	3.4	.4								5.7	7.4
W	.4	3.2	4.6	2.8	.2							11.1	8.9
WNW	.2	1.2	5.9	1.0	.2							8.5	8.8
NW	.8	2.6	4.8	2.6	.4							11.1	9.1
NNW	.2	1.8	2.8	1.2	.2							6.1	8.6
VARBL													
CALM												13.5	
	11.9	24.4	34.3	12.9	2.0	1.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62-74-76 YEARS DEC MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.0	2.5	1.3	.6	.2						8.9	8.4
NNE	1.1	1.1	.8	.2	.2							3.4	6.6
NE	1.3	1.3		.4								3.0	5.1
ENE	.8	1.1	.4	.6								3.0	6.5
E		.2	.4		.4							1.1	11.6
ESE	.4	1.1		.2								1.7	5.6
SE	.8	.2	.2									1.3	4.0
SSE	1.5	.8	.6									3.0	4.2
S	1.9	1.7	.8									4.4	4.5
SSW	1.3	1.5	1.7									4.4	5.7
SW	2.3	2.1	.8	1.3								6.6	6.0
WSW	1.1	2.3	1.7	.2								5.3	5.9
W	1.7	5.1	3.6	3.0								13.3	7.5
WNW	1.5	.8	4.2	1.5								8.1	8.0
NW	1.1	.8	5.3	1.9								9.1	8.4
NNW	.8	3.0	3.0	.2		.2						7.2	7.0
VARBL													
CALM												16.3	
	18.9	26.1	26.3	10.8	1.3	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 472

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 FORT DEVENS AAF MASS AC-62,74-76 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.0	3.4	.8	.5							10.8	6.8
NNE	.5	1.1	.3	.3								2.1	6.0
NE	1.1	1.3	.3									2.6	4.5
ENE		.5	1.1									1.6	7.0
E			.8	.3								1.1	8.8
ESE		.3	.3									.5	7.0
SE	.8	.5										1.3	3.4
SSE	.3	.5										.8	3.7
S	.8	2.4	.8		.3							4.2	5.9
SSW	1.8	2.1	3.2									7.1	5.6
SW	2.1	1.3		.5								4.0	4.9
WSW	1.3	2.6	1.6	.5								6.1	6.0
W	2.6	3.4	4.0	1.8								11.9	6.9
WNW	.5	.8	1.8	.8	.3							4.2	8.6
NW	2.6	2.4	3.7	.3								9.0	5.9
NNW	1.3	1.3	1.1	.3	.3							4.2	6.1
VARBL													
CALM												28.5	
	17.9	24.5	22.2	5.5	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 379

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

04779 STATION FORT DEVENS AAF MASS STATION NAME 60-62.75 YEARS DEC MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.2	1.2								4.7	7.4
NNE	.8	.8	1.2									2.8	5.3
NE		.4	2.4									2.8	8.0
ENE		1.2	.4	.4								2.0	7.0
E		.8	.6									1.6	6.5
ESE													
SE													
SSE	.4											.4	2.0
S	1.2	1.6	1.2	.8								4.7	6.7
*SW	.8	2.0	1.6									4.3	6.3
SW	.4	1.6	.8	1.6								4.3	8.1
WSW	1.6	2.4	1.6									5.5	5.7
W	.8	3.2	3.2	1.2								8.2	7.0
WNW	.4	1.2	2.8	.4	.4							2.1	8.2
NW	.4	2.4	5.1									7.9	7.3
NNW	.8	4.0	2.4	1.2	.8							9.1	8.2
VARBL													
CALM												36.4	
	7.9	23.3	24.5	6.7	1.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 253

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

04779 STATION FORT DEVENS AAF MASS 60-63.74-76 YEARS ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.9	2.5	.5	.0	.1						9.9	5.7
NNE	1.9	3.6	2.7	.5	.0							8.8	6.0
NE	2.2	4.0	3.2	1.0	.0							10.5	6.4
ENE	1.0	3.1	3.1	1.1	.2	.0						9.2	7.2
E	2.0	3.3	3.7	1.0	.1							10.1	6.8
ESE	.8	1.1	.8	.4	.1							3.1	6.6
SE	.8	1.1	.6	.2	.0							2.7	5.6
SSE	.6	.7	.4	.1	.0							1.8	5.3
S	1.4	1.9	1.1	.2								4.6	5.4
SSW	.9	1.4	.8	.2	.0							3.3	5.8
SW	.6	1.3	.9	.6								3.4	6.9
WSW	.7	.9	.8	.2								2.5	5.9
W	.8	.5	.5	.1	.0	.0						2.0	5.7
WNW	.3	.1	.2	.0								.6	5.2
NW	.3	.4	.4	.0	.0							1.2	6.2
NNW	.8	.9	.3	.0	.1	.0						2.3	5.7
VARBL													
CALM												23.9	
	18.7	28.2	22.1	6.1	.8	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 4475

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0	
NO CEILING																	
≥ 1800																	
≥ 1500					91.0												92.6
≥ 1200																	
≥ 1000																	
≥ 900																	
≥ 800																	
≥ 700																	
≥ 600																	
≥ 500										97.4							98.1
≥ 400																	
≥ 300																	
≥ 200																	
≥ 100																	
≥ 0					95.4		96.9			98.3							100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

00-03,74-76
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	48.6	49.5	50.0	50.4	50.5	50.5	50.7	50.7	50.8	50.9	50.9	51.2	51.2	51.4	51.5
≥ 20000	47.7	55.5	56.6	57.1	57.5	57.7	57.8	58.0	58.0	58.1	58.2	58.2	58.5	58.6	58.7	58.8
≥ 18000	47.3	55.6	56.7	57.2	57.7	57.8	58.0	58.1	58.1	58.2	58.3	58.4	58.6	58.7	58.8	59.0
≥ 16000	47.9	55.6	56.7	57.3	57.7	57.9	58.0	58.1	58.2	58.3	58.4	58.4	58.7	58.7	58.9	59.0
≥ 14000	48.3	56.1	57.2	57.8	58.2	58.4	58.5	58.7	58.7	58.8	58.9	59.0	59.2	59.3	59.4	59.5
≥ 12000	49.4	57.6	58.8	59.3	59.8	60.0	60.1	60.2	60.3	60.4	60.5	60.5	60.8	60.9	61.0	61.1
≥ 10000	51.8	60.9	62.1	62.8	63.3	63.6	63.7	63.8	63.9	64.0	64.1	64.1	64.4	64.5	64.6	64.8
≥ 9000	52.5	61.7	63.0	63.7	64.2	64.5	64.6	64.8	64.8	64.9	65.0	65.1	65.3	65.4	65.5	65.7
≥ 8000	54.5	64.4	65.8	66.6	67.2	67.5	67.7	67.8	67.8	68.0	68.1	68.2	68.4	68.5	68.6	68.7
≥ 7000	55.8	66.2	67.7	68.6	69.2	69.5	69.7	69.8	69.8	70.0	70.1	70.1	70.4	70.5	70.6	70.7
≥ 6000	56.3	67.0	68.6	69.4	70.0	70.3	70.5	70.7	70.7	70.8	70.9	71.0	71.2	71.3	71.4	71.6
≥ 5000	57.5	68.7	70.3	71.2	71.8	72.1	72.3	72.5	72.5	72.7	72.8	72.8	73.1	73.2	73.3	73.4
≥ 4500	58.1	69.4	71.0	71.9	72.5	72.9	73.1	73.3	73.3	73.4	73.5	73.6	73.8	73.9	74.0	74.2
≥ 4000	60.2	72.1	73.8	74.7	75.4	75.8	76.0	76.2	76.2	76.3	76.4	76.5	76.7	76.8	77.0	77.1
≥ 3500	61.4	73.7	75.4	76.5	77.2	77.5	77.8	77.9	78.0	78.1	78.2	78.2	78.5	78.6	78.7	78.9
≥ 3000	63.3	76.6	78.5	79.6	80.4	80.8	81.1	81.3	81.3	81.5	81.6	81.6	81.9	82.0	82.1	82.3
≥ 2500	64.4	78.6	80.6	81.8	82.7	83.1	83.4	83.7	83.7	83.9	84.0	84.1	84.4	84.4	84.6	84.7
≥ 2000	64.9	79.3	82.0	83.3	84.4	84.8	85.2	85.4	85.5	85.7	85.8	85.8	86.1	86.2	86.4	86.5
≥ 1800	65.0	80.0	82.2	83.6	84.6	85.1	85.5	85.7	85.8	86.0	86.1	86.1	86.4	86.5	86.7	86.8
≥ 1500	65.2	80.8	83.2	84.7	85.9	86.4	86.9	87.2	87.2	87.4	87.6	87.6	87.9	88.0	88.1	88.3
≥ 1200	65.5	81.5	84.1	85.7	87.0	87.6	88.1	88.4	88.5	88.7	88.8	88.9	89.2	89.3	89.4	89.6
≥ 1000	65.6	82.0	84.7	86.4	87.9	88.6	89.2	89.5	89.7	90.0	90.1	90.2	90.5	90.6	90.7	90.9
≥ 900	65.6	82.2	85.0	86.8	88.4	89.1	89.8	90.2	90.3	90.6	90.8	90.8	91.1	91.2	91.4	91.5
≥ 800	65.7	82.4	85.4	87.3	89.0	89.8	90.6	91.1	91.3	91.6	91.8	91.8	92.2	92.3	92.4	92.6
≥ 700	65.7	82.6	85.7	87.7	89.7	90.6	91.5	92.2	92.3	92.7	93.0	93.0	93.4	93.5	93.6	93.8
≥ 600	65.7	82.8	85.9	88.1	90.2	91.4	92.4	93.3	93.4	93.9	94.2	94.2	94.6	94.7	94.9	95.0
≥ 500	65.7	82.9	85.1	88.4	90.9	92.3	93.5	94.6	94.8	95.4	95.7	95.7	96.3	96.4	96.5	96.7
≥ 400	65.7	82.9	86.2	88.6	91.2	92.7	94.2	95.4	95.6	96.4	96.9	97.0	97.5	97.6	97.8	98.0
≥ 300	65.7	82.9	86.2	88.6	91.4	92.9	94.5	95.9	96.1	97.0	97.6	97.8	98.4	98.6	98.8	99.0
≥ 200	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.9	99.0	99.3	99.5
≥ 100	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.9	99.1	99.5	99.7
≥ 0	65.7	82.9	86.2	88.6	91.4	93.0	94.6	96.0	96.2	97.2	97.9	98.0	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 34699

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	48.7	49.4	49.5	49.6	49.7	49.7	49.8	49.8	49.8	50.0	50.0	50.5	50.7	50.8	51.0
≥ 20000	50.7	57.9	58.8	59.0	59.2	59.3	59.3	59.4	59.4	59.6	59.7	59.7	60.3	60.5	60.6	60.7
≥ 18000	50.9	58.1	59.1	59.2	59.4	59.5	59.6	59.7	59.7	59.8	60.0	60.0	60.5	60.7	60.9	61.0
≥ 16000	51.1	58.3	59.1	59.4	59.6	59.7	59.7	59.9	59.9	60.0	60.1	60.1	60.7	60.9	61.0	61.1
≥ 14000	51.5	58.9	59.9	60.0	60.2	60.3	60.3	60.5	60.5	60.6	60.8	60.8	61.3	61.5	61.7	61.8
≥ 12000	52.5	60.1	61.0	61.2	61.4	61.5	61.5	61.7	61.7	61.8	61.9	61.9	62.5	62.7	62.8	62.9
≥ 10000	55.4	63.8	64.9	65.1	65.3	65.4	65.4	65.6	65.6	65.7	65.8	65.8	66.4	66.6	66.8	66.9
≥ 9000	56.2	64.8	65.9	66.1	66.4	66.5	66.5	66.7	66.7	66.8	66.9	66.9	67.5	67.7	67.8	68.0
≥ 8000	57.7	66.9	68.2	68.5	68.9	68.9	69.1	69.3	69.3	69.4	69.5	69.5	70.1	70.3	70.4	70.6
≥ 7000	58.5	68.3	69.6	69.9	70.3	70.4	70.6	70.8	70.8	70.9	71.0	71.0	71.6	71.8	71.9	72.0
≥ 6000	58.8	68.9	70.2	70.6	70.9	71.1	71.2	71.4	71.4	71.5	71.7	71.7	72.2	72.4	72.6	72.7
≥ 5000	59.2	70.0	71.4	71.7	72.2	72.3	72.4	72.6	72.6	72.7	72.9	72.9	73.5	73.7	73.8	73.9
≥ 4500	60.2	71.0	72.4	72.7	73.2	73.3	73.5	73.7	73.7	73.8	73.9	73.9	74.5	74.7	74.8	74.9
≥ 4000	63.0	74.7	76.4	76.8	77.3	77.6	77.7	77.9	77.9	78.1	78.2	78.2	78.8	79.0	79.1	79.2
≥ 3500	64.5	76.9	78.5	79.0	79.6	79.8	79.9	80.1	80.1	80.3	80.4	80.4	81.0	81.2	81.3	81.5
≥ 3000	66.0	79.5	81.3	81.7	82.3	82.7	83.0	83.2	83.2	83.4	83.6	83.6	84.1	84.3	84.5	84.6
≥ 2500	66.6	80.7	82.6	83.2	84.0	84.3	84.7	85.0	85.1	85.3	85.5	85.5	86.2	86.4	86.5	86.7
≥ 2000	66.9	81.6	83.8	84.6	85.4	85.8	86.2	86.5	86.6	86.8	87.1	87.1	87.8	88.1	88.2	88.3
≥ 1800	67.0	81.8	84.0	84.7	85.6	85.9	86.4	86.7	86.8	87.0	87.3	87.3	88.0	88.2	88.4	88.5
≥ 1500	67.2	82.4	84.7	85.5	86.5	86.9	87.4	87.8	87.9	88.1	88.4	88.4	89.2	89.4	89.6	89.7
≥ 1200	67.2	82.5	84.9	85.7	86.7	87.1	87.7	88.1	88.2	88.5	88.8	88.8	89.6	89.8	90.0	90.1
≥ 1000	67.2	82.7	85.2	86.0	87.1	87.6	88.4	88.9	89.0	89.4	89.7	89.7	90.5	90.7	90.9	91.0
≥ 900	67.3	82.7	85.3	86.2	87.4	87.9	88.7	89.2	89.4	89.8	90.2	90.2	91.0	91.2	91.3	91.4
≥ 800	67.3	82.8	85.4	86.4	87.6	88.3	89.1	89.8	90.0	90.5	90.9	91.0	91.7	92.0	92.2	92.3
≥ 700	67.3	82.8	85.5	86.5	88.1	89.0	90.0	90.8	91.0	91.7	92.1	92.1	93.0	93.3	93.5	93.6
≥ 600	67.3	83.0	85.8	86.8	88.6	89.7	90.8	91.8	92.0	92.8	93.2	93.2	94.1	94.4	94.6	94.7
≥ 500	67.3	83.0	85.8	86.8	89.2	90.4	91.9	93.0	93.2	94.2	94.6	94.6	95.5	95.8	96.2	96.3
≥ 400	67.3	83.0	85.8	86.8	89.3	90.7	92.6	93.8	94.1	95.3	96.2	96.2	97.1	97.4	97.8	98.0
≥ 300	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.0	94.3	95.8	96.7	96.7	97.7	98.0	98.5	98.7
≥ 200	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.0	98.4	98.8	99.4
≥ 100	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.1	98.4	98.9	99.8
≥ 0	67.3	83.0	85.8	86.8	89.4	90.8	92.7	94.1	94.4	95.9	96.8	96.9	98.1	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2653

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,74-76

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≤ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	44.5	47.8	48.3	48.3	48.4	48.6	48.6	48.6	48.6	48.7	48.9	49.0	49.5	49.7	49.9
≥ 20000	51.7	56.0	56.6	56.8	57.0	57.2	57.2	57.2	57.2	57.4	57.5	57.6	58.2	58.4	58.5
≥ 18000	51.6	56.1	56.7	56.9	57.1	57.3	57.3	57.4	57.4	57.5	57.6	57.7	58.3	58.5	58.6
≥ 16000	51.6	56.1	56.7	56.9	57.1	57.3	57.3	57.4	57.4	57.5	57.6	57.7	58.3	58.5	58.6
≥ 14000	51.7	56.4	57.0	57.2	57.4	57.6	57.6	57.7	57.7	57.8	57.9	58.0	58.6	58.8	58.9
≥ 12000	52.8	57.7	58.2	58.4	58.7	58.9	58.9	59.0	59.0	59.1	59.2	59.3	59.9	60.1	60.2
≥ 10000	55.2	60.6	61.2	61.5	61.9	62.1	62.1	62.1	62.1	62.2	62.4	62.5	63.1	63.3	63.4
≥ 9000	56.3	61.9	62.5	62.8	63.2	63.4	63.4	63.4	63.4	63.6	63.7	63.8	64.4	64.6	64.7
≥ 8000	58.6	64.9	65.7	66.0	66.4	66.6	66.6	66.6	66.6	66.8	66.9	67.0	67.6	67.8	67.9
≥ 7000	59.9	67.3	68.1	68.4	68.9	69.1	69.1	69.2	69.2	69.3	69.4	69.5	70.1	70.3	70.4
≥ 6000	60.4	67.9	68.7	69.1	69.5	69.8	69.8	69.8	69.8	70.0	70.1	70.2	70.8	71.0	71.1
≥ 5000	61.2	69.5	70.3	70.7	71.1	71.4	71.4	71.5	71.5	71.6	71.7	71.8	72.4	72.6	72.7
≥ 4500	61.6	70.3	71.2	71.5	71.9	72.2	72.2	72.3	72.3	72.4	72.5	72.7	73.2	73.4	73.6
≥ 4000	63.1	72.4	73.2	73.7	74.2	74.5	74.5	74.5	74.5	74.7	74.8	74.9	75.5	75.7	75.8
≥ 3500	63.7	73.5	74.4	74.9	75.4	75.7	75.7	75.8	75.8	75.9	76.1	76.2	76.8	76.9	77.1
≥ 3000	65.2	76.3	77.3	77.8	78.4	78.7	78.8	78.8	78.8	78.9	79.1	79.2	79.8	80.0	80.1
≥ 2500	65.6	77.4	78.5	79.1	79.8	80.1	80.2	80.3	80.3	80.4	80.6	80.7	81.2	81.4	81.6
≥ 2000	65.7	78.2	79.4	80.3	81.3	81.6	82.1	82.1	82.1	82.2	82.4	82.5	83.1	83.3	83.4
≥ 1800	65.7	78.3	79.6	80.4	81.4	81.8	82.2	82.3	82.3	82.4	82.5	82.7	83.2	83.4	83.6
≥ 1500	65.7	78.7	80.1	81.2	82.2	82.7	83.3	83.4	83.4	83.5	83.7	83.8	84.4	84.5	84.7
≥ 1200	65.9	79.0	80.9	81.9	83.2	83.8	84.6	84.8	84.8	85.0	85.1	85.2	85.8	86.0	86.2
≥ 1000	65.9	79.1	81.0	82.2	83.6	84.4	85.3	85.6	85.6	86.0	86.2	86.3	86.9	87.1	87.3
≥ 900	65.9	79.2	81.2	82.5	83.9	84.8	85.8	86.0	86.2	86.6	86.8	86.9	87.5	87.7	87.9
≥ 800	65.9	79.3	81.3	82.7	84.1	85.1	86.2	86.8	86.9	87.5	87.9	88.1	88.7	88.9	89.0
≥ 700	65.9	79.3	81.4	82.8	84.4	85.5	86.7	87.4	87.6	88.1	88.7	88.9	89.5	89.7	89.9
≥ 600	65.9	79.6	81.8	83.3	85.1	86.4	87.9	88.9	89.0	89.8	90.4	90.8	91.5	91.8	92.1
≥ 500	65.9	79.6	81.8	83.4	85.6	87.0	88.7	89.9	90.1	90.9	91.7	92.1	93.0	93.3	93.6
≥ 400	65.9	79.6	81.8	83.4	85.7	87.5	89.5	91.1	91.4	92.3	93.2	93.6	94.8	95.1	95.4
≥ 300	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.3	93.4	94.4	95.1	96.4	96.8	97.3
≥ 200	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.2	97.7	98.4
≥ 100	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.5	98.2	99.1
≥ 0	65.9	79.6	81.8	83.4	85.9	88.0	90.3	92.1	92.4	93.7	94.9	95.7	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2659

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEWIS AAF MASS
STATION NAME

01-63,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.6	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9
≥ 20000	54.6	58.4	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.3
≥ 18000	54.6	58.4	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3
≥ 16000	54.6	58.4	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3
≥ 14000	55.2	59.0	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.9
≥ 12000	56.7	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.8
≥ 10000	59.0	64.3	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2
≥ 9000	59.2	64.8	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.8	65.8
≥ 8000	60.9	67.4	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.6
≥ 7000	61.9	69.0	69.5	69.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.3	70.3
≥ 6000	62.0	69.2	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.5	70.5
≥ 5000	62.8	70.3	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8
≥ 4500	63.5	71.2	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7
≥ 4000	65.8	73.9	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.6
≥ 3500	67.0	75.5	76.1	76.5	76.6	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2
≥ 3000	70.4	80.2	81.0	81.5	81.8	81.8	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.5
≥ 2500	71.4	81.7	82.5	83.1	83.4	83.4	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.2	84.2
≥ 2000	71.8	82.7	83.7	84.4	84.8	84.9	85.3	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.9	85.9
≥ 1800	71.9	82.8	83.8	84.5	84.9	85.0	85.4	85.5	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.1
≥ 1500	72.2	83.4	84.5	85.2	85.6	85.8	86.2	86.4	86.5	86.7	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1200	72.5	84.0	85.2	86.0	86.5	86.8	87.3	87.5	87.5	87.8	87.9	87.9	87.9	88.0	88.0	88.0
≥ 1000	72.6	84.4	85.8	86.7	87.5	87.9	88.5	88.8	88.9	89.3	89.4	89.4	89.4	89.5	89.6	89.6
≥ 900	72.8	84.8	86.3	87.2	88.1	88.6	89.3	89.6	89.8	90.2	90.4	90.4	90.5	90.6	90.6	90.6
≥ 800	72.9	85.0	86.9	87.9	89.0	89.8	90.6	91.2	91.4	91.7	92.0	92.0	92.1	92.2	92.2	92.2
≥ 700	72.9	85.2	87.2	88.3	89.6	90.7	91.8	92.9	93.1	93.6	94.1	94.1	94.2	94.3	94.3	94.4
≥ 600	72.9	85.3	87.4	88.6	90.0	91.2	92.4	93.6	93.8	94.5	95.1	95.2	95.4	95.5	95.5	95.5
≥ 500	72.9	85.4	87.5	88.9	90.5	91.9	93.3	94.9	95.3	96.3	97.2	97.3	97.6	97.7	97.8	97.8
≥ 400	72.9	85.4	87.6	89.0	90.7	92.1	93.7	95.4	95.9	97.0	98.1	98.2	98.5	98.7	98.7	98.8
≥ 300	72.9	85.4	87.6	89.1	90.8	92.3	93.9	95.8	96.3	97.4	98.6	98.7	99.4	99.6	99.6	99.7
≥ 200	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0
≥ 100	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0
≥ 0	72.9	85.4	87.6	89.1	90.9	92.3	94.0	95.9	96.4	97.5	98.7	98.9	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVERES AAF MASS
STATION NAME

1-63, 74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (15)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.6 49.3	44.5 51.4	44.8 51.7	44.9 51.8	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9	45.0 51.9
≥ 18000 ≥ 16000	49.4 49.4	51.6 51.6	51.8 51.8	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0	52.0 52.0
≥ 14000 ≥ 12000	49.6 51.2	51.8 53.4	52.0 53.7	52.2 53.8	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9	52.3 53.9
≥ 10000 ≥ 9000	53.6 54.7	55.8 57.1	56.1 57.3	56.2 57.5	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6	56.3 57.6
≥ 8000 ≥ 7000	59.1 61.2	61.9 64.0	62.1 64.4	62.3 64.6	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7	62.4 64.7
≥ 6000 ≥ 5000	62.2 65.2	65.2 68.6	65.5 69.1	65.8 69.4	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6	65.9 69.6
≥ 4500 ≥ 4000	66.7 69.8	70.2 73.7	70.6 74.2	70.9 74.5	71.1 74.7	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8	71.1 74.8
≥ 3500 ≥ 3000	72.9 75.3	77.3 80.2	77.8 80.9	78.1 81.2	78.4 81.6	78.4 81.7	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8	78.5 81.8
≥ 2500 ≥ 2000	77.0 77.6	82.6 83.9	83.4 84.9	83.8 85.4	84.3 85.9	84.5 86.1	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2	84.6 86.2
≥ 1800 ≥ 1500	77.7 77.8	83.9 84.5	85.0 85.6	85.6 86.4	86.2 87.2	86.5 87.6	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7
≥ 1200 ≥ 1000	78.0 78.2	84.9 85.4	86.0 86.8	86.9 87.7	87.6 88.5	88.1 89.0	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2	88.3 89.2
≥ 900 ≥ 800	78.3 78.4	86.0 86.3	87.5 88.1	88.5 89.3	89.4 90.3	89.9 90.9	90.2 91.1	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4
≥ 700 ≥ 600	78.4 78.5	86.4 86.6	88.5 88.7	89.8 90.1	91.0 91.7	91.9 92.8	92.1 93.3	92.4 93.6	92.5 93.7	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9	92.6 93.9
≥ 500 ≥ 400	78.5 78.5	86.8 86.9	89.1 89.2	90.7 90.9	92.8 93.4	94.1 94.9	94.7 95.7	95.3 96.4	95.4 96.5	95.7 97.0	95.8 97.2	95.8 97.2	95.8 97.2	95.8 97.2	95.8 97.2	95.8 97.2
≥ 300 ≥ 200	78.5 78.5	86.9 86.9	89.2 89.2	91.0 91.0	93.6 93.6	95.2 95.3	96.1 96.3	97.0 97.3	97.3 97.6	97.9 98.2	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5
≥ 100 ≥ 0	78.5 78.5	86.9 86.9	89.2 89.2	91.0 91.0	93.6 93.6	95.3 95.3	96.3 96.3	97.3 97.3	97.6 97.6	98.2 98.2	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.6 98.6

TOTAL NUMBER OF OBSERVATIONS 2915

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	39.8 45.7	46.2 53.8	47.0 54.9	47.3 55.3	47.5 55.7	47.8 56.0	48.0 56.2	48.1 56.2	48.1 56.3	48.2 56.3	48.3 56.5	48.3 56.5	48.6 56.8	48.6 56.8	48.6 56.8	48.6 56.8
≥ 18000 ≥ 16000	45.7 45.7	53.9 53.9	55.0 55.1	55.4 55.5	55.8 55.8	56.1 56.1	56.3 56.3	56.4 56.4	56.4 56.4	56.4 56.5	56.6 56.6	56.6 56.6	56.9 56.9	56.9 56.9	56.9 56.9	57.0 57.0
≥ 14000 ≥ 12000	46.1 47.6	54.3 55.9	55.5 57.1	55.9 57.5	56.2 57.8	56.6 58.2	56.8 58.4	56.9 58.5	56.9 58.5	57.0 58.6	57.1 58.7	57.1 58.7	57.4 59.0	57.4 59.0	57.4 59.0	57.5 59.1
≥ 10000 ≥ 9000	50.2 50.6	58.9 59.4	60.1 60.7	60.6 61.2	61.1 61.7	61.5 62.1	61.7 62.3	61.7 62.3	61.8 62.4	61.8 62.4	62.0 62.6	62.0 62.6	62.3 62.8	62.3 62.8	62.3 62.8	62.3 62.9
≥ 8000 ≥ 7000	53.1 54.5	62.2 64.0	63.4 65.3	64.0 65.9	64.5 66.4	64.9 66.8	65.2 67.1	65.2 67.2	65.3 67.2	65.3 67.3	65.5 67.4	65.5 67.4	65.8 67.7	65.8 67.7	65.8 67.7	65.8 67.8
≥ 6000 ≥ 5000	55.3 56.8	65.0 66.8	66.2 68.1	66.8 68.8	67.4 69.4	67.9 69.9	68.1 70.1	68.2 70.2	68.2 70.2	68.3 70.3	68.5 70.5	68.5 70.5	68.8 70.8	68.8 70.8	68.8 70.8	68.8 70.9
≥ 4500 ≥ 4000	57.9 62.1	67.9 72.8	69.2 74.2	69.9 74.8	70.5 75.4	71.0 75.9	71.2 76.2	71.3 76.3	71.3 76.3	71.4 76.4	71.6 76.6	71.6 76.6	71.9 76.8	71.9 76.8	71.9 76.8	72.0 76.9
≥ 3500 ≥ 3000	63.2 64.9	74.3 76.9	75.8 78.6	76.6 79.3	77.2 80.2	77.7 80.8	78.0 81.1	78.1 81.1	78.1 81.2	78.2 81.3	78.4 81.4	78.4 81.4	78.6 81.7	78.6 81.7	78.7 81.7	78.7 81.8
≥ 2500 ≥ 2000	66.1 66.8	78.8 80.0	80.6 82.0	81.4 82.8	82.3 83.7	82.9 84.3	83.2 84.6	83.2 84.7	83.3 84.7	83.4 84.8	83.5 85.0	83.5 85.0	83.8 85.2	83.8 85.2	83.8 85.3	83.9 85.3
≥ 1800 ≥ 1500	66.9 67.6	80.1 81.2	82.1 83.6	82.9 84.5	83.8 85.5	84.4 86.3	84.7 86.6	84.8 86.8	84.9 86.9	85.0 87.0	85.1 87.1	85.1 87.1	85.4 87.4	85.4 87.4	85.4 87.4	85.5 87.5
≥ 1200 ≥ 1000	68.2 68.4	82.4 83.2	85.1 86.1	86.0 87.2	87.1 88.3	87.9 89.2	88.3 89.7	88.5 90.0	88.6 90.0	88.7 90.1	88.9 90.3	88.9 90.3	89.1 90.6	89.1 90.6	89.2 90.6	89.2 90.7
≥ 900 ≥ 800	68.4 68.4	83.5 83.6	86.5 86.9	87.6 88.1	88.9 89.8	89.8 90.7	90.4 91.5	90.7 92.0	90.8 92.1	90.9 92.3	91.1 92.5	91.1 92.5	91.3 92.7	91.3 92.7	91.4 92.8	91.4 92.8
≥ 700 ≥ 600	68.4 68.4	84.1 84.2	87.6 87.8	89.0 89.4	90.9 91.4	92.0 92.6	92.9 93.6	93.6 94.4	93.7 94.5	93.9 94.8	94.1 95.0	94.1 95.0	94.3 95.2	94.3 95.2	94.4 95.3	94.4 95.3
≥ 500 ≥ 400	68.4 68.4	84.3 84.4	88.1 88.3	89.8 90.0	92.1 92.8	93.6 94.4	94.7 95.8	95.7 96.9	95.9 97.1	96.3 97.7	96.6 98.0	96.6 98.0	96.9 98.3	96.9 98.4	97.0 98.4	97.0 98.5
≥ 300 ≥ 200	68.4 68.4	84.4 84.4	88.3 88.3	90.0 90.0	92.9 92.9	94.8 94.8	96.2 96.2	97.4 97.4	97.6 97.6	98.2 98.2	98.8 98.8	98.8 98.8	99.2 99.3	99.3 99.3	99.3 99.3	99.4 99.7
≥ 100 0	68.4 68.4	84.4 84.4	88.3 88.3	90.0 90.0	92.9 92.9	94.8 94.8	96.2 96.2	97.4 97.4	97.6 97.6	98.2 98.2	98.8 98.8	98.8 98.8	99.4 99.4	99.6 99.6	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

3004

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼
NO CEILING	37.4	47.8	49.8	50.4	51.4	51.5	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.2	52.2	52.3
≥ 20000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3
≥ 18000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3
≥ 16000	42.9	55.4	57.6	58.3	59.3	59.4	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.3
≥ 14000	43.4	55.9	58.2	58.8	59.9	60.0	60.1	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.7	60.9
≥ 12000	44.5	57.3	59.6	60.3	61.4	61.6	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.3	62.3	62.5
≥ 10000	46.8	61.1	63.7	64.6	65.8	66.0	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.8	66.9
≥ 9000	47.3	61.8	64.7	65.6	66.8	67.0	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.7	67.8	67.9
≥ 8000	48.5	64.0	67.0	68.1	69.2	69.5	69.5	69.9	69.9	70.0	70.0	70.0	70.0	70.2	70.3	70.4
≥ 7000	49.6	65.3	68.5	69.6	70.8	71.0	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.8	71.9
≥ 6000	50.1	66.1	69.3	70.5	71.6	71.9	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.5	72.6	72.7
≥ 5000	50.6	67.7	71.0	72.1	73.3	73.5	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.2	74.3	74.4
≥ 4500	51.1	68.2	71.5	72.6	73.8	74.0	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.7	74.8	74.9
≥ 4000	52.9	70.6	74.0	75.3	76.5	76.7	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.5	77.6	77.7
≥ 3500	53.8	72.1	75.4	76.7	77.9	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.9	79.0	79.1
≥ 3000	55.8	75.9	79.6	80.9	82.3	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.5	83.6
≥ 2500	57.0	78.3	82.0	83.5	84.9	85.2	85.5	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.2	86.3
≥ 2000	57.3	80.0	83.8	85.3	87.0	87.3	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.3	88.4	88.5
≥ 1800	57.4	80.1	84.0	85.7	87.4	87.7	88.0	88.4	88.4	88.6	88.6	88.6	88.6	88.8	88.9	89.0
≥ 1500	57.6	81.4	85.8	87.5	89.4	89.8	90.2	90.6	90.6	90.8	90.8	90.8	90.8	91.0	91.1	91.2
≥ 1200	57.8	82.2	86.9	88.9	90.8	91.3	91.7	92.2	92.2	92.4	92.4	92.5	92.5	92.6	92.7	92.8
≥ 1000	58.0	82.9	87.7	89.8	92.0	92.7	93.2	93.7	93.7	93.9	93.9	94.0	94.0	94.1	94.2	94.3
≥ 900	58.0	83.2	88.0	90.2	92.5	93.2	93.7	94.2	94.2	94.4	94.4	94.5	94.5	94.6	94.7	94.8
≥ 800	58.2	83.5	88.5	90.9	93.4	94.1	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.6	95.7	95.8
≥ 700	58.2	83.9	89.0	91.5	94.2	95.0	95.7	96.2	96.3	96.5	96.5	96.6	96.6	96.7	96.8	96.9
≥ 600	58.2	84.0	89.2	91.7	94.7	95.6	96.4	97.1	97.1	97.4	97.4	97.4	97.4	97.6	97.7	97.8
≥ 500	58.2	84.1	89.4	92.0	95.2	96.1	97.0	97.9	98.0	98.3	98.4	98.4	98.4	98.6	98.7	98.8
≥ 400	58.2	84.1	89.4	92.1	95.2	96.1	97.2	98.1	98.1	98.6	98.7	98.8	98.8	99.1	99.2	99.3
≥ 300	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.3	98.9	99.0	99.2	99.2	99.5	99.6	99.7
≥ 200	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	99.8
≥ 100	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	99.8
≥ 0	58.2	84.1	89.4	92.1	95.3	96.2	97.3	98.3	98.4	99.0	99.1	99.3	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

3034

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FLEET DEFENSE AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	49.1	50.7	51.6	52.1	52.4	52.6	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.2	53.2
≥ 20000	43.7	56.7	58.7	59.7	60.3	60.8	61.0	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.7
≥ 18000	43.7	56.7	58.7	59.7	60.3	60.8	61.0	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.7
≥ 16000	43.9	56.9	58.9	59.9	60.5	61.1	61.3	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9
≥ 14000	44.2	57.3	59.4	60.4	61.0	61.5	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.4
≥ 12000	45.7	59.7	61.8	62.8	63.4	64.0	64.2	64.4	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.9
≥ 10000	48.5	64.4	66.8	68.3	69.1	69.8	70.0	70.3	70.3	70.5	70.5	70.5	70.7	70.7	70.8	70.8
≥ 9000	49.3	65.3	67.7	69.3	70.2	71.0	71.2	71.4	71.4	71.6	71.7	71.7	71.8	71.9	71.9	72.0
≥ 8000	51.4	68.5	71.0	72.7	73.7	74.6	74.9	75.2	75.2	75.4	75.4	75.4	75.6	75.6	75.7	75.8
≥ 7000	52.8	70.4	73.0	74.7	75.8	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.7	77.8	77.8
≥ 6000	53.3	71.2	73.8	75.5	76.6	77.5	77.8	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.6	78.6
≥ 5000	54.1	72.4	75.2	76.9	78.1	79.0	79.3	79.6	79.6	79.8	79.9	79.9	80.1	80.1	80.2	80.2
≥ 4500	54.5	73.0	75.8	77.6	78.7	79.6	80.0	80.3	80.3	80.5	80.5	80.5	80.7	80.7	80.8	80.9
≥ 4000	56.6	75.7	78.5	80.5	81.7	82.6	83.0	83.3	83.3	83.5	83.6	83.6	83.8	83.8	83.9	83.9
≥ 3500	57.2	76.4	79.5	81.6	82.8	83.7	84.1	84.4	84.4	84.6	84.6	84.6	84.8	84.9	85.0	85.0
≥ 3000	58.1	78.6	81.8	83.9	85.1	86.0	86.5	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.3	87.4
≥ 2500	59.0	80.2	83.6	85.9	87.4	88.3	88.7	89.2	89.2	89.4	89.4	89.4	89.6	89.7	89.8	89.8
≥ 2000	59.4	81.2	84.7	87.4	88.9	90.1	90.5	90.9	91.0	91.2	91.2	91.2	91.4	91.4	91.5	91.6
≥ 1800	59.4	81.5	85.0	87.7	89.2	90.4	90.8	91.3	91.3	91.5	91.5	91.5	91.7	91.8	91.9	91.9
≥ 1500	59.5	82.0	85.7	88.5	90.2	91.3	91.8	92.3	92.3	92.5	92.6	92.6	92.7	92.8	92.9	92.9
≥ 1200	59.6	82.8	86.8	89.6	91.4	92.6	93.1	93.5	93.6	93.8	93.8	93.8	94.0	94.1	94.2	94.2
≥ 1000	59.7	83.4	87.6	90.5	92.4	93.6	94.1	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.4	95.5
≥ 900	59.7	83.6	87.8	90.8	92.7	94.0	94.6	95.4	95.5	95.7	95.7	95.7	95.9	96.0	96.1	96.1
≥ 800	59.7	83.7	88.0	91.1	93.1	94.4	95.0	95.9	96.0	96.2	96.3	96.3	96.5	96.5	96.6	96.6
≥ 700	59.7	83.8	88.1	91.4	93.6	94.9	95.7	96.5	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.3
≥ 600	59.7	83.9	88.2	91.6	93.9	95.3	96.1	97.1	97.2	97.5	97.6	97.6	97.8	97.9	98.0	98.0
≥ 500	59.7	83.9	88.4	91.8	94.1	95.7	96.7	97.8	98.0	98.4	98.5	98.5	98.7	98.7	98.8	98.9
≥ 400	59.7	83.9	88.4	91.8	94.2	95.9	96.9	98.2	98.4	98.8	99.0	99.0	99.2	99.2	99.3	99.4
≥ 300	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.7	99.8
≥ 200	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.8	99.8
≥ 100	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.9	99.9
≥ 0	59.7	83.9	88.4	91.8	94.2	96.0	97.0	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

3048

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVERES AAF MASS
STATION NAME

61-63, 74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	52.9	54.3	55.5	56.2	56.4	56.5	56.7	56.7	56.8	56.9	56.9	57.1	57.1	57.1	57.2
≥ 20000	47.8	59.2	61.0	62.4	63.2	63.5	63.6	63.8	63.8	63.9	64.1	64.1	64.3	64.3	64.3	64.4
≥ 18000	48.1	59.5	61.3	62.7	63.5	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.6	64.6	64.6	64.7
≥ 16000	48.1	59.5	61.3	62.7	63.5	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.6	64.6	64.6	64.7
≥ 14000	48.4	59.9	61.7	63.2	64.0	64.3	64.4	64.5	64.6	64.7	64.9	64.9	65.1	65.1	65.1	65.2
≥ 12000	48.8	60.6	62.4	63.9	64.7	65.0	65.1	65.3	65.3	65.4	65.6	65.6	65.8	65.8	65.8	65.9
≥ 10000	50.4	62.8	64.7	66.5	67.4	67.8	68.0	68.1	68.2	68.3	68.5	68.5	68.7	68.7	68.8	68.9
≥ 9000	51.0	63.5	65.4	67.3	68.2	68.6	68.8	69.0	69.1	69.2	69.4	69.4	69.6	69.6	69.6	69.7
≥ 8000	52.3	65.5	67.6	69.6	70.5	70.9	71.2	71.4	71.5	71.6	71.8	71.8	72.0	72.0	72.0	72.1
≥ 7000	52.9	66.5	68.9	70.9	71.9	72.2	72.5	72.8	72.8	73.0	73.1	73.1	73.4	73.4	73.4	73.5
≥ 6000	53.3	67.2	69.7	71.7	72.6	73.0	73.3	73.5	73.6	73.8	73.9	73.9	74.2	74.2	74.2	74.3
≥ 5000	53.9	68.1	70.7	72.8	73.7	74.1	74.5	74.7	74.8	74.9	75.1	75.1	75.3	75.3	75.4	75.5
≥ 4500	54.1	68.5	71.1	73.3	74.3	74.6	75.0	75.2	75.3	75.5	75.6	75.6	75.9	75.9	75.9	76.0
≥ 4000	55.4	70.3	73.0	75.2	76.3	76.7	77.1	77.3	77.4	77.6	77.8	77.8	78.0	78.0	78.0	78.1
≥ 3500	56.1	71.3	74.1	76.5	77.7	78.1	78.4	78.7	78.8	78.9	79.1	79.1	79.3	79.3	79.4	79.4
≥ 3000	56.9	72.9	75.9	78.3	79.5	80.0	80.4	80.7	80.8	81.0	81.1	81.1	81.4	81.4	81.4	81.5
≥ 2500	58.6	75.9	78.9	81.5	82.9	83.3	83.8	84.2	84.3	84.4	84.6	84.6	84.9	84.9	84.9	85.0
≥ 2000	59.0	77.0	80.3	83.0	84.5	84.9	85.5	85.8	85.9	86.1	86.3	86.3	86.6	86.6	86.6	86.7
≥ 1800	59.0	77.2	80.5	83.3	84.8	85.3	85.8	86.1	86.3	86.5	86.7	86.7	86.9	86.9	86.9	87.0
≥ 1500	59.3	78.3	81.7	84.6	86.4	86.9	87.5	87.8	88.0	88.1	88.3	88.3	88.6	88.6	88.6	88.7
≥ 1200	59.5	79.1	82.6	85.7	87.6	88.1	88.8	89.2	89.3	89.5	89.7	89.7	90.0	90.0	90.0	90.1
≥ 1000	59.6	79.6	83.3	86.5	88.6	89.2	90.1	90.6	90.8	91.0	91.2	91.2	91.5	91.5	91.5	91.6
≥ 900	59.7	79.8	83.5	86.8	88.9	89.5	90.4	90.9	91.1	91.3	91.5	91.5	91.8	91.8	91.9	91.9
≥ 800	59.7	80.2	84.1	87.4	89.6	90.2	91.3	91.9	92.0	92.2	92.5	92.5	92.7	92.7	92.8	92.9
≥ 700	59.7	80.7	84.7	88.2	90.5	91.2	92.5	93.3	93.5	93.7	93.9	93.9	94.2	94.2	94.3	94.4
≥ 600	59.7	80.8	84.9	88.4	90.8	91.8	93.2	94.1	94.3	94.5	94.7	94.7	95.0	95.0	95.1	95.2
≥ 500	59.7	81.0	85.0	88.6	91.5	92.8	94.4	95.6	95.8	96.0	96.3	96.3	96.5	96.5	96.6	96.7
≥ 400	59.7	81.0	85.1	88.9	91.9	93.2	95.2	96.6	96.9	97.4	97.6	97.6	97.9	97.9	98.0	98.1
≥ 300	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.3	97.6	98.2	98.5	98.5	98.9	98.9	99.1	99.2
≥ 200	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.2	99.2	99.4	99.5
≥ 100	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.3	99.3	99.5	99.6
≥ 0	59.7	81.1	85.2	89.0	92.1	93.5	95.8	97.4	97.7	98.4	98.6	98.6	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3080

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24 HRS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.9	48.3	49.9	51.2	51.8	51.9	52.2	52.4	52.5	52.9	53.0	53.0	53.3	53.5	53.7	54.1
≥ 20000	46.4	54.1	55.3	56.7	57.4	57.6	57.9	58.2	58.3	58.7	58.8	58.8	59.2	59.4	59.6	60.0
≥ 18000	46.5	54.3	55.5	56.9	57.6	57.8	58.2	58.5	58.6	59.1	59.1	59.1	59.5	59.7	59.9	60.3
≥ 16000	46.5	54.3	55.5	56.9	57.6	57.8	58.2	58.5	58.6	59.1	59.1	59.1	59.5	59.7	59.9	60.3
≥ 14000	47.2	55.1	56.2	57.7	58.4	58.6	59.0	59.3	59.4	59.8	59.9	59.9	60.3	60.5	60.7	61.1
≥ 12000	48.1	56.7	58.0	59.5	60.2	60.3	60.7	61.0	61.1	61.6	61.7	61.7	62.1	62.3	62.5	62.9
≥ 10000	50.5	60.0	61.4	62.9	63.7	63.9	64.4	64.6	64.7	65.2	65.4	65.4	65.8	66.0	66.2	66.6
≥ 9000	50.8	60.4	61.9	63.4	64.2	64.4	64.9	65.2	65.3	65.8	65.9	65.9	66.4	66.6	66.8	67.2
≥ 8000	52.3	62.8	64.7	66.3	67.3	67.6	68.2	68.5	68.6	69.1	69.2	69.2	69.7	69.9	70.1	70.5
≥ 7000	52.8	63.3	65.3	67.0	67.9	68.2	68.8	69.2	69.3	69.8	70.0	70.0	70.4	70.6	70.8	71.3
≥ 6000	53.6	64.2	66.2	68.0	68.9	69.2	69.9	70.2	70.3	70.8	71.0	71.0	71.5	71.7	71.9	72.3
≥ 5000	54.7	65.9	67.9	69.7	70.7	71.1	71.7	72.1	72.2	72.7	72.9	72.9	73.4	73.6	73.8	74.2
≥ 4500	55.0	66.2	68.2	70.1	71.3	71.6	72.3	72.6	72.8	73.3	73.5	73.5	73.9	74.1	74.3	74.7
≥ 4000	56.4	68.0	70.1	72.1	73.2	73.5	74.2	74.5	74.7	75.2	75.4	75.4	75.9	76.1	76.3	76.7
≥ 3500	56.9	69.0	71.1	73.1	74.3	74.6	75.3	75.6	75.8	76.3	76.5	76.5	76.9	77.2	77.4	77.8
≥ 3000	58.8	72.0	74.3	76.6	77.9	78.4	79.3	79.7	79.9	80.4	80.6	80.6	81.1	81.3	81.5	81.9
≥ 2500	59.6	73.2	75.6	78.0	79.4	79.9	80.7	81.2	81.4	81.9	82.2	82.2	82.6	82.8	83.0	83.4
≥ 2000	60.1	74.1	76.7	79.2	80.6	81.2	82.0	82.5	82.6	83.2	83.5	83.5	83.9	84.1	84.3	84.7
≥ 1800	60.3	74.5	77.1	79.6	81.1	81.6	82.4	82.9	83.1	83.7	83.9	83.9	84.3	84.5	84.8	85.2
≥ 1500	60.5	75.3	78.1	80.8	82.5	83.0	84.0	84.5	84.6	85.2	85.5	85.5	85.9	86.1	86.4	86.8
≥ 1200	60.8	76.3	79.3	82.0	83.9	84.5	85.6	86.1	86.2	86.8	87.1	87.1	87.5	87.7	88.0	88.4
≥ 1000	60.8	76.4	79.7	82.6	84.6	85.3	86.3	86.9	87.2	87.8	88.0	88.0	88.5	88.7	88.9	89.4
≥ 900	60.8	76.6	79.9	83.0	85.1	85.7	86.8	87.5	87.7	88.3	88.5	88.5	89.0	89.2	89.5	89.9
≥ 800	60.9	76.8	80.2	83.4	85.7	86.4	87.7	88.4	88.6	89.3	89.6	89.6	90.0	90.2	90.5	90.9
≥ 700	60.9	77.0	80.4	83.7	86.2	87.1	88.5	89.4	89.7	90.4	90.8	90.8	91.3	91.5	91.7	92.1
≥ 600	61.0	77.2	80.7	84.1	86.8	88.1	89.9	91.1	91.3	92.3	92.7	92.7	93.2	93.4	93.6	94.0
≥ 500	61.0	77.3	80.8	84.6	87.9	89.3	91.5	93.0	93.3	94.3	94.8	94.8	95.3	95.5	95.7	96.1
≥ 400	61.0	77.5	81.1	84.8	88.2	89.8	92.2	93.8	94.1	95.4	95.9	96.0	96.5	96.7	97.0	97.4
≥ 300	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.8	95.3	96.7	97.5	97.7	98.3	98.5	98.8	99.3
≥ 200	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	97.7	98.7	98.9	99.3	99.7
≥ 100	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	98.0	98.8	99.0	99.3	99.8
≥ 0	61.0	77.5	81.1	84.9	88.4	90.1	92.9	94.9	95.4	96.8	97.7	98.0	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2950

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT JEVENS AAF MASS
STATION NAME

50-62,74-76
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.7	48.3	49.0	49.3	49.8	50.0	50.1	50.3	50.3	50.3	50.5	50.5	50.5	50.6	50.9	51.1
≥ 20000	47.8	54.4	55.3	55.6	56.2	56.5	56.7	56.9	56.9	57.0	57.1	57.1	57.2	57.3	57.6	57.8
≥ 18000	47.9	54.5	55.4	55.7	56.3	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.4	57.7	57.9
≥ 16000	47.9	54.5	55.4	55.7	56.3	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.4	57.7	57.9
≥ 14000	48.5	55.2	56.1	56.4	57.0	57.4	57.5	57.8	57.8	57.8	58.0	58.0	58.1	58.2	58.5	58.7
≥ 12000	49.7	56.8	57.7	58.0	58.6	59.0	59.2	59.5	59.5	59.5	59.7	59.7	59.8	59.9	60.2	60.5
≥ 10000	53.7	61.4	62.5	63.0	63.8	64.2	64.4	64.7	64.7	64.7	64.9	64.9	65.0	65.1	65.4	65.7
≥ 9000	54.2	62.1	63.3	63.9	64.6	65.0	65.2	65.5	65.5	65.5	65.6	65.7	65.7	65.8	66.0	66.5
≥ 8000	55.6	63.8	65.0	65.6	66.4	66.8	67.0	67.3	67.3	67.4	67.5	67.6	67.7	67.8	68.1	68.3
≥ 7000	58.0	66.8	68.0	68.7	69.5	70.0	70.2	70.4	70.4	70.5	70.7	70.7	70.8	70.9	71.2	71.5
≥ 6000	58.8	68.0	69.2	69.9	70.8	71.3	71.5	71.7	71.7	71.8	71.9	72.0	72.1	72.2	72.5	72.8
≥ 5000	59.8	69.7	70.9	71.7	72.6	73.1	73.3	73.7	73.7	73.7	73.9	73.9	74.0	74.1	74.4	74.7
≥ 4500	60.1	70.0	71.3	72.0	73.0	73.4	73.7	74.0	74.0	74.1	74.2	74.3	74.3	74.5	74.7	75.0
≥ 4000	61.5	71.9	73.2	73.9	74.9	75.4	75.6	75.9	75.9	76.0	76.1	76.2	76.2	76.4	76.7	76.9
≥ 3500	63.0	73.6	74.9	75.6	76.6	77.1	77.3	77.7	77.7	77.8	78.0	78.0	78.1	78.2	78.5	78.8
≥ 3000	64.4	75.9	77.1	77.9	78.8	79.3	79.6	79.9	79.9	80.1	80.2	80.3	80.3	80.5	80.7	81.0
≥ 2500	66.2	78.2	79.7	80.5	81.5	82.0	82.2	82.6	82.7	82.8	83.0	83.0	83.1	83.2	83.5	83.8
≥ 2000	66.8	79.2	80.7	81.8	82.9	83.5	83.7	84.2	84.2	84.4	84.5	84.6	84.6	84.8	85.1	85.4
≥ 1800	66.9	79.4	80.9	82.0	83.2	83.8	84.0	84.5	84.6	84.7	84.9	84.9	85.0	85.1	85.4	85.7
≥ 1500	67.1	80.4	81.9	83.2	84.4	85.0	85.3	85.8	85.9	86.0	86.2	86.2	86.3	86.4	86.7	87.0
≥ 1200	67.5	81.1	82.7	83.9	85.2	85.9	86.4	86.9	87.0	87.1	87.3	87.3	87.4	87.5	87.8	88.1
≥ 1000	67.5	81.4	83.2	84.7	86.2	86.9	87.6	88.2	88.3	88.4	88.6	88.7	88.7	88.9	89.2	89.5
≥ 900	67.5	81.7	83.5	85.0	86.6	87.4	88.1	88.7	88.8	89.0	89.1	89.2	89.3	89.4	89.7	90.0
≥ 800	67.5	81.8	83.7	85.4	87.4	88.5	89.2	89.8	89.9	90.1	90.2	90.3	90.4	90.5	90.8	91.1
≥ 700	67.5	82.0	84.1	85.9	88.2	89.5	90.2	90.8	91.0	91.2	91.4	91.5	91.6	91.7	92.1	92.3
≥ 600	67.5	82.6	84.9	86.9	89.7	91.1	92.0	92.7	92.9	93.2	93.5	93.6	93.6	93.8	94.1	94.4
≥ 500	67.5	83.0	85.3	87.5	90.8	92.9	94.0	95.0	95.2	95.6	96.0	96.1	96.3	96.5	96.8	97.1
≥ 400	67.6	83.1	85.5	87.7	91.2	93.4	94.5	95.7	95.8	96.5	97.0	97.1	97.4	97.5	97.9	98.2
≥ 300	67.6	83.2	85.6	87.8	91.4	93.6	94.8	96.1	96.3	97.0	97.6	97.7	98.3	98.5	98.9	99.1
≥ 200	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.5	99.8
≥ 100	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.7	100.0
≥ 0	67.6	83.3	85.7	87.9	91.6	93.9	95.3	96.6	96.7	97.4	98.1	98.2	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT GEORGE'S AAF MASS
STATION NAME

60-62, 74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.3 46.6	47.1 52.6	47.9 53.5	48.1 53.7	48.2 53.9	48.3 53.9	48.3 54.0	46.5 54.2	48.6 54.3	48.7 54.3	48.7 54.4	48.7 54.4	49.0 54.7	49.0 54.7	49.3 55.0	49.7 55.4
≥ 18000 ≥ 16000	46.6 46.6	52.7 52.7	53.5 53.5	53.8 53.8	54.0 54.0	54.0 54.0	54.0 54.0	54.3 54.3	54.3 54.3	54.4 54.4	54.5 54.5	54.5 54.5	54.8 54.8	54.8 54.8	55.0 55.0	55.5 55.5
≥ 14000 ≥ 12000	47.1 48.1	53.4 54.7	54.3 55.6	54.5 55.8	54.7 56.0	54.7 56.0	54.8 56.1	55.0 56.3	55.0 56.3	55.1 56.4	55.2 56.5	55.2 56.5	55.5 56.8	55.5 56.8	55.7 57.1	56.2 57.5
≥ 10000 ≥ 9000	49.8 50.4	57.1 57.8	58.0 58.7	58.2 59.0	58.4 59.2	58.4 59.2	58.5 59.2	58.7 59.4	58.7 59.5	58.8 59.6	58.9 59.6	58.9 59.6	59.2 60.0	59.2 60.0	59.4 60.2	59.9 60.7
≥ 8000 ≥ 7000	52.2 54.6	60.3 63.6	61.3 64.8	61.6 65.2	61.7 65.4	61.8 65.4	61.8 65.4	62.0 65.6	62.1 65.7	62.1 65.8	62.2 65.8	62.2 65.8	62.5 66.1	62.5 66.1	62.8 66.4	63.3 66.9
≥ 6000 ≥ 5000	55.3 56.6	64.7 66.4	65.8 67.5	66.1 67.9	66.4 68.2	66.4 68.3	66.5 68.3	66.7 68.5	66.7 68.6	66.8 68.6	66.9 68.7	66.9 68.7	67.2 69.0	67.2 69.0	67.5 69.3	67.9 69.8
≥ 4500 ≥ 4000	57.1 59.8	67.0 69.9	68.2 71.1	68.6 71.5	68.8 71.8	68.9 71.9	68.9 71.9	69.1 72.1	69.2 72.2	69.3 72.2	69.3 72.3	69.3 72.3	69.7 72.6	69.7 72.6	69.9 72.9	70.4 73.4
≥ 3500 ≥ 3000	61.9 65.0	72.3 75.6	73.5 78.0	74.0 78.5	74.3 79.0	74.4 79.1	74.5 79.1	74.7 79.4	74.7 79.5	74.8 79.5	74.9 79.6	74.9 79.6	75.2 79.9	75.2 79.9	75.5 80.2	75.9 80.7
≥ 2500 ≥ 2000	66.7 67.9	79.5 81.7	81.1 83.5	81.6 84.1	82.3 84.8	82.4 85.1	82.5 85.2	82.7 85.4	82.8 85.5	82.9 85.6	82.9 85.6	82.9 85.6	83.3 86.0	83.3 86.0	83.5 86.2	84.0 86.7
≥ 1800 ≥ 1500	67.9 68.1	81.8 82.7	83.7 84.9	84.4 85.8	85.1 86.6	85.4 87.0	85.5 87.1	85.7 87.4	85.8 87.5	85.9 87.6	85.9 87.7	85.9 87.7	86.3 88.1	86.3 88.1	86.5 88.4	87.0 88.8
≥ 1200 ≥ 1000	68.6 68.7	83.7 84.2	86.1 86.7	87.1 87.8	88.0 88.8	88.4 89.3	88.6 89.6	88.8 89.9	89.0 90.0	89.1 90.2	89.2 90.4	89.2 90.5	89.5 91.1	89.5 91.1	89.8 91.4	90.3 91.8
≥ 900 ≥ 800	68.7 68.7	84.3 84.5	86.8 87.0	88.0 88.5	89.1 89.3	89.7 90.4	90.0 90.7	90.2 91.0	90.4 91.1	90.5 91.2	90.7 91.5	90.7 91.5	91.1 91.9	91.1 92.0	91.4 92.2	91.8 92.7
≥ 700 ≥ 600	68.7 68.7	84.5 84.7	87.2 87.6	88.8 89.3	90.3 90.9	91.1 91.8	91.4 92.2	91.7 92.5	91.9 92.7	92.0 92.9	92.3 93.2	92.3 93.2	92.7 93.7	92.7 93.8	93.0 94.0	93.5 94.5
≥ 500 ≥ 400	68.8 68.8	84.8 84.9	87.7 87.7	89.5 89.8	91.4 91.8	92.3 93.1	92.8 93.9	93.4 94.6	93.7 94.9	94.0 95.4	94.3 95.9	94.3 95.9	95.1 96.7	95.1 96.8	95.5 97.2	96.0 97.6
≥ 300 ≥ 200	68.8 68.8	84.9 84.9	87.8 87.8	89.9 89.9	91.9 91.9	93.4 93.4	94.2 94.2	95.0 95.0	95.3 95.3	96.2 96.3	96.7 96.8	96.7 96.8	97.9 98.1	97.9 98.1	98.4 98.6	99.0 99.2
≥ 100 ≥ 0	68.8 68.8	84.9 84.9	87.8 87.8	89.9 89.9	91.9 91.9	93.4 93.4	94.2 94.2	95.0 95.0	95.3 95.3	96.3 96.3	97.0 97.0	97.0 97.0	98.3 98.3	98.3 98.4	99.1 99.3	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 2964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVERES AAF MASS
STATION NAME

00-62,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS IT IS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.1	50.4	51.2	51.4	51.7	51.7	51.8	51.8	51.8	52.0	52.1	52.2	52.4	52.7	52.7	52.8
≥ 20000	46.9	55.6	56.4	56.7	57.1	57.2	57.3	57.3	57.3	57.4	57.5	57.7	57.9	58.1	58.2	58.3
≥ 18000	46.9	55.7	56.5	56.8	57.1	57.2	57.3	57.3	57.4	57.5	57.6	57.8	57.9	58.2	58.2	58.4
≥ 16000	46.9	55.7	56.5	56.9	57.2	57.3	57.4	57.4	57.5	57.6	57.7	57.9	58.0	58.3	58.3	58.5
≥ 14000	47.2	56.1	57.1	57.5	57.8	57.9	58.0	58.0	58.0	58.2	58.3	58.4	58.6	58.9	58.9	59.1
≥ 12000	48.3	57.5	58.6	59.0	59.3	59.4	59.5	59.5	59.5	59.7	59.8	59.9	60.1	60.4	60.4	60.5
≥ 10000	50.3	60.2	61.4	61.8	62.2	62.3	62.4	62.4	62.5	62.6	62.7	62.9	63.1	63.3	63.4	63.5
≥ 9000	50.9	61.1	62.4	62.8	63.2	63.3	63.5	63.5	63.5	63.6	63.7	63.9	64.1	64.3	64.4	64.5
≥ 8000	53.1	64.3	65.7	66.3	66.7	66.9	67.1	67.1	67.2	67.3	67.4	67.6	67.7	68.0	68.0	68.2
≥ 7000	54.2	66.2	67.6	68.1	68.6	68.8	69.1	69.1	69.1	69.2	69.3	69.5	69.7	69.9	70.0	70.1
≥ 6000	54.6	66.7	68.2	68.8	69.3	69.5	69.7	69.7	69.8	69.9	70.0	70.2	70.3	70.6	70.6	70.8
≥ 5000	56.2	68.8	70.3	70.9	71.5	71.6	71.9	71.9	71.9	72.0	72.1	72.3	72.5	72.7	72.8	72.9
≥ 4500	56.4	69.3	70.8	71.5	72.0	72.2	72.4	72.4	72.4	72.6	72.7	72.8	73.0	73.3	73.3	73.5
≥ 4000	57.7	71.3	72.9	73.5	74.0	74.2	74.4	74.4	74.5	74.6	74.7	74.9	75.1	75.3	75.4	75.5
≥ 3500	58.5	72.5	74.2	74.8	75.3	75.5	75.8	75.8	75.9	76.0	76.1	76.3	76.6	76.8	76.9	77.0
≥ 3000	59.6	74.8	76.6	77.3	77.9	78.1	78.4	78.5	78.5	78.7	78.8	79.0	79.3	79.6	79.6	79.7
≥ 2500	60.6	77.0	78.9	79.7	80.4	80.6	80.9	81.1	81.1	81.3	81.4	81.6	81.9	82.2	82.2	82.3
≥ 2000	61.1	78.3	80.3	81.2	82.0	82.3	82.7	82.9	82.8	83.1	83.2	83.4	83.7	84.0	84.0	84.1
≥ 1800	61.1	78.5	80.3	81.4	82.2	82.6	83.1	83.2	83.2	83.4	83.5	83.7	84.0	84.3	84.3	84.5
≥ 1500	61.2	79.3	81.5	82.5	83.6	84.1	84.6	84.7	84.7	84.9	85.1	85.3	85.6	85.9	85.9	86.1
≥ 1200	61.2	79.8	82.1	83.4	84.6	85.3	85.9	86.0	86.1	86.3	86.4	86.6	86.9	87.2	87.2	87.4
≥ 1000	61.5	80.5	82.9	84.6	86.1	86.8	87.7	87.9	88.0	88.4	88.5	88.7	89.1	89.3	89.4	89.6
≥ 900	61.6	80.7	83.1	85.0	86.6	87.4	88.2	88.5	88.5	89.0	89.2	89.3	89.7	89.9	90.0	90.2
≥ 800	61.6	80.8	83.4	85.5	87.3	88.1	89.1	89.4	89.4	90.0	90.2	90.4	90.7	91.1	91.1	91.3
≥ 700	61.6	80.8	83.5	85.7	87.8	88.7	89.7	90.2	90.2	91.0	91.3	91.4	91.9	92.2	92.2	92.4
≥ 600	61.6	80.9	83.6	85.9	88.3	89.3	90.4	91.1	91.2	92.1	92.4	92.6	93.1	93.4	93.5	93.7
≥ 500	61.6	81.1	84.0	86.4	89.0	90.1	91.4	92.3	92.6	93.6	94.1	94.4	95.1	95.4	95.4	95.6
≥ 400	61.6	81.1	84.0	86.5	89.4	90.5	92.1	93.3	93.4	94.6	95.3	95.6	96.4	96.7	96.7	96.9
≥ 300	61.6	81.1	84.0	86.5	89.5	90.6	92.2	93.5	93.7	94.9	95.8	96.2	97.3	97.7	97.8	98.0
≥ 200	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.4	96.3	96.7	97.9	98.5	98.8	99.0
≥ 100	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.5	96.4	96.8	98.3	98.9	99.3	99.7
≥ 0	61.6	81.1	84.0	86.5	89.5	90.6	92.3	93.6	93.9	95.5	96.4	96.8	98.3	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2950

1
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

61-63 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.5	42.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	39.6	49.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	42.2	51.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	44.4	55.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000	46.0	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	46.5	58.3	61.0	61.5	61.5	61.5	61.5	61.5	61.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	47.1	59.4	62.0	62.6	63.1	63.6	63.6	63.6	63.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	48.1	60.4	63.1	63.6	64.2	64.7	64.7	64.7	64.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	49.2	64.2	66.8	67.4	67.9	68.4	68.4	68.4	68.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	50.3	65.2	67.9	68.4	69.0	69.5	69.5	69.5	69.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	54.5	70.6	73.3	73.8	74.3	74.9	74.9	74.9	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	57.8	74.9	77.5	78.1	78.6	79.1	79.1	79.1	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	58.3	75.9	78.6	79.1	79.7	80.2	80.2	80.2	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	58.3	75.9	78.6	79.1	80.2	80.7	80.7	80.7	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	59.9	77.5	81.8	82.4	83.4	84.0	84.0	84.0	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	59.9	78.1	82.4	82.9	84.0	84.5	84.5	84.5	84.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 900	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 800	59.9	78.1	82.4	82.9	85.0	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	59.9	78.1	82.9	83.4	86.6	87.2	87.2	87.7	87.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 600	59.9	78.1	82.9	83.4	86.6	87.2	87.2	87.7	87.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	59.9	78.1	82.9	83.4	88.8	89.8	90.9	91.4	91.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	99.5	99.5
≥ 200	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	99.5	99.5
≥ 100	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	100.0	100.0
≥ 0	59.9	78.1	82.9	83.4	88.8	91.4	93.0	94.7	94.7	97.9	98.9	98.9	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 187

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.0	47.9	48.9	48.9	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	45.7	53.2	54.8	54.8	55.3	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	47.3	55.9	58.0	58.0	59.0	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 8000	49.5	58.0	60.1	60.1	61.2	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	50.0	59.0	62.8	62.8	63.8	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	50.5	60.1	63.8	63.8	64.9	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	50.5	62.2	66.0	66.0	67.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	52.7	64.4	68.1	68.1	69.7	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	55.3	70.7	74.5	74.5	76.1	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	56.9	74.5	78.2	78.2	79.8	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	56.9	75.5	79.3	79.3	80.9	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	56.9	76.1	80.3	80.9	82.4	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	56.9	77.7	81.9	82.4	84.0	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	57.4	78.2	83.0	83.5	85.1	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	58.5	79.8	84.6	85.1	86.7	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	58.5	79.8	85.1	85.6	87.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	58.5	79.8	85.6	86.2	87.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	58.5	79.8	85.6	86.7	88.3	89.4	89.9	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	58.5	79.8	85.6	86.7	88.3	89.4	89.9	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	58.5	79.8	86.2	87.2	88.8	89.9	90.4	90.4	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	58.5	79.8	87.2	88.8	91.5	92.6	93.1	93.1	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	58.5	79.8	87.2	88.8	92.0	93.1	93.6	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	58.5	79.8	87.2	88.8	92.0	93.1	94.7	94.7	94.7	94.7	95.2	95.7	95.7	96.3	96.3	96.3
≥ 300	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	97.3	97.9	97.9	98.4	98.4	98.4	98.4
≥ 200	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	97.9	98.4	98.4	100.0	100.0	100.0	100.0
≥ 100	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	97.9	98.4	98.4	100.0	100.0	100.0	100.0
≥ 0	58.5	79.8	87.2	88.8	92.0	93.1	94.7	95.7	96.3	97.9	98.4	98.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

188

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.7	51.3	52.4	52.4	53.2	53.2	53.2	53.4	53.4	53.4	54.2	54.2	54.2	54.5	55.0	55.0
≥ 20000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 18000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 16000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 14000	49.7	57.9	59.0	59.0	60.1	60.3	60.3	60.6	60.6	60.8	61.6	61.6	61.9	62.2	62.7	62.7
≥ 12000	50.0	58.2	59.3	59.3	60.3	60.6	60.6	60.8	60.8	61.1	61.9	61.9	62.2	62.4	63.0	63.0
≥ 10000	52.6	61.1	62.2	62.2	63.2	63.5	63.5	63.8	63.8	64.0	64.8	64.8	65.1	65.3	65.9	65.9
≥ 9000	53.4	62.2	63.2	63.2	64.3	64.6	64.6	65.1	65.1	65.3	66.1	66.1	66.4	66.7	67.2	67.2
≥ 8000	54.2	63.8	65.1	65.1	66.1	66.4	66.7	67.2	67.2	67.5	68.3	68.3	68.5	68.8	69.3	69.3
≥ 7000	55.0	65.9	67.2	67.2	68.3	68.5	68.8	69.3	69.3	69.6	70.4	70.4	70.6	70.9	71.4	71.4
≥ 6000	55.6	66.7	68.0	68.0	69.0	69.3	69.6	70.1	70.1	70.4	71.2	71.2	71.4	71.7	72.2	72.2
≥ 5000	56.6	67.7	69.0	69.0	70.4	70.6	70.9	71.4	71.4	71.7	72.5	72.5	72.8	73.0	73.5	73.5
≥ 4500	57.7	68.8	70.1	70.1	71.4	71.7	72.0	72.5	72.5	72.8	73.5	73.5	73.8	74.1	74.6	74.6
≥ 4000	60.6	74.1	75.7	75.7	77.0	77.2	77.5	78.0	78.0	78.3	79.1	79.1	79.4	79.6	80.2	80.2
≥ 3500	61.5	75.4	77.0	77.0	78.3	78.6	78.8	79.4	79.4	79.6	80.4	80.4	80.7	81.0	81.5	81.5
≥ 3000	62.7	78.3	79.9	79.9	81.2	81.5	81.7	82.3	82.3	82.5	83.3	83.3	83.6	83.9	84.4	84.4
≥ 2500	63.0	79.1	81.0	81.0	82.5	82.9	83.1	83.6	83.9	84.1	84.9	84.9	85.7	86.0	86.5	86.5
≥ 2000	63.0	79.4	81.2	81.2	82.8	83.1	83.3	83.9	84.1	84.4	85.4	85.4	86.2	86.5	87.0	87.0
≥ 1800	63.2	79.6	81.5	81.5	83.1	83.3	83.6	84.1	84.4	84.7	85.7	85.7	86.5	86.8	87.3	87.3
≥ 1500	63.5	79.9	81.7	81.7	83.3	83.6	83.9	84.7	84.9	85.2	86.2	86.2	87.3	87.6	88.1	88.1
≥ 1200	63.5	79.9	81.7	81.7	83.3	83.6	83.9	84.7	84.9	85.4	86.5	86.5	87.6	87.8	88.4	88.4
≥ 1000	63.5	80.4	82.3	82.3	83.9	84.1	84.7	85.4	86.0	86.5	87.6	87.6	88.6	88.9	89.4	89.4
≥ 900	63.5	80.4	82.8	82.8	84.4	84.7	85.2	86.0	86.5	87.0	88.1	88.1	89.2	89.4	89.9	89.9
≥ 800	63.5	80.7	83.3	83.3	84.9	85.2	85.7	86.5	87.0	87.8	88.9	88.9	90.2	90.5	91.0	91.0
≥ 700	63.5	80.7	83.3	83.3	84.9	85.4	86.2	87.0	87.8	88.9	89.9	89.9	91.3	91.5	92.1	92.1
≥ 600	63.5	81.2	84.1	84.1	85.7	86.2	87.0	87.8	88.6	89.7	90.7	90.7	92.1	92.3	92.9	92.9
≥ 500	63.5	81.2	84.1	84.1	86.8	87.3	88.9	89.4	90.2	91.3	92.6	92.6	93.9	94.2	94.7	94.7
≥ 400	63.5	81.2	84.1	84.4	86.8	87.3	88.9	89.7	90.5	91.8	93.1	93.1	94.4	94.7	95.2	95.2
≥ 300	63.5	81.2	84.1	84.4	87.0	87.6	89.2	90.5	91.3	93.4	94.7	94.7	96.3	96.6	97.1	97.1
≥ 200	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.4	98.4
≥ 100	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.7	100.0
≥ 0	63.5	81.2	84.1	84.4	87.0	87.6	89.2	91.0	91.8	93.9	95.2	95.2	97.6	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

378

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.8	49.3	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4	50.9	51.3
≥ 20000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 18000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 16000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 14000	52.2	58.1	59.4	59.9	59.9	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.2	61.7
≥ 12000	53.1	59.4	60.8	61.2	61.2	61.2	61.2	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.6	63.0
≥ 10000	55.4	62.8	64.1	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.9	66.4
≥ 9000	56.3	63.7	65.0	65.5	65.5	65.5	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.8	67.3
≥ 8000	58.7	66.6	67.9	68.4	68.4	68.4	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.7	70.2
≥ 7000	60.1	68.2	69.5	70.0	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.9	71.3	71.7
≥ 6000	60.3	68.8	70.2	70.6	70.6	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.5	72.0	72.4
≥ 5000	61.0	69.7	71.3	71.7	71.7	71.7	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.6	73.1	73.5
≥ 4500	61.9	70.5	72.2	72.6	72.6	72.6	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.5	74.0	74.4
≥ 4000	64.8	73.8	75.8	76.5	76.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.8	78.3
≥ 3500	66.4	76.0	78.0	79.1	79.1	79.1	79.1	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.5	80.9
≥ 3000	67.5	77.1	79.1	80.3	80.3	80.7	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.6	82.1	82.5
≥ 2500	67.7	77.4	79.6	80.9	81.2	81.6	81.8	83.2	83.4	83.6	83.6	83.6	83.6	84.1	84.5	85.0
≥ 2000	67.7	77.6	80.0	81.4	81.6	82.1	82.3	83.6	83.9	84.1	84.3	84.3	84.3	84.5	85.0	85.7
≥ 1800	67.7	77.6	80.0	81.4	81.6	82.1	82.3	83.6	83.9	84.1	84.3	84.3	84.3	84.5	85.0	85.7
≥ 1500	68.4	78.5	80.9	82.3	82.5	83.2	83.6	85.0	85.2	85.4	85.7	85.9	86.5	87.2	87.7	87.7
≥ 1200	68.4	78.5	80.9	82.3	82.5	83.4	84.1	85.4	85.7	85.9	86.1	86.3	87.0	87.7	88.1	88.1
≥ 1000	68.4	78.5	81.2	82.5	82.7	83.6	84.8	86.5	86.8	87.0	87.2	87.4	88.1	88.8	89.2	89.2
≥ 900	68.6	78.7	81.4	82.7	83.0	83.9	85.0	86.8	87.0	87.2	87.4	87.7	88.3	89.0	89.5	89.5
≥ 800	68.6	78.7	81.4	83.0	83.2	84.8	85.9	88.1	88.3	88.6	89.0	89.2	89.9	90.6	91.5	91.5
≥ 700	68.6	78.9	81.6	83.2	83.9	86.1	87.4	89.7	90.1	90.6	91.0	91.3	91.9	92.6	93.5	93.5
≥ 600	68.6	79.1	81.8	83.4	84.3	86.8	88.3	90.8	91.3	91.7	92.4	92.6	93.3	93.9	94.8	94.8
≥ 500	68.6	79.1	81.8	83.4	84.5	87.0	88.8	91.3	91.7	92.2	92.8	93.0	93.7	94.4	95.3	95.3
≥ 400	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	93.9	95.1	95.3	96.0	96.6	97.5	97.5
≥ 300	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	98.0
≥ 200	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	99.1
≥ 100	66.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	100.0
≥ 0	68.6	79.1	81.8	83.4	84.5	87.0	89.5	92.2	92.8	94.4	95.5	95.7	96.4	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

446

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	46.1	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	50.6	51.0	51.0	51.7
≥ 20000	55.3	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	61.3	61.8	61.8	61.9
≥ 18000	55.3	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0	61.3	61.8	61.8	61.9
≥ 16000	56.0	59.6	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.7	60.7	62.0	62.5	62.5	62.5
≥ 14000	56.0	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	62.5	62.9	62.9	62.9
≥ 12000	56.4	60.7	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	63.1	63.6	63.6	63.7
≥ 10000	59.8	64.9	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	67.4	67.9	67.9	67.9
≥ 9000	59.8	64.9	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	67.4	67.9	67.9	67.9
≥ 8000	61.6	67.2	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	70.1	70.6	70.6	70.6
≥ 7000	62.9	68.5	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	71.5	71.9	71.9	71.9
≥ 6000	62.9	69.2	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	72.1	72.6	72.6	72.6
≥ 5000	62.9	69.2	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	72.1	72.6	72.6	72.6
≥ 4500	63.8	70.1	71.0	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	73.0	73.5	73.5	73.5
≥ 4000	66.5	73.0	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	76.9	77.3	77.3	77.3
≥ 3500	68.8	76.2	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7	80.0	80.4	80.4	80.4
≥ 3000	70.8	78.9	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	82.7	83.1	83.1	83.1
≥ 2500	72.4	81.3	83.1	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	85.9	86.3	86.3	86.3
≥ 2000	72.4	82.0	84.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	87.2	87.6	87.6	87.6
≥ 1800	72.4	82.0	84.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	87.2	87.6	87.6	87.6
≥ 1500	72.6	82.2	84.5	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.6	87.9	88.3	88.3	88.3
≥ 1200	72.6	82.5	84.7	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8	88.1	88.5	88.5	88.5
≥ 1000	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	88.3	88.7	88.7	88.7
≥ 900	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	88.3	88.7	88.7	88.7
≥ 800	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	88.3	88.7	88.7	88.7
≥ 700	72.6	82.7	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	88.3	88.7	88.7	88.7
≥ 600	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 500	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 400	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 300	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 200	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 100	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3
≥ 0	72.6	82.9	85.2	86.3	87.6	88.3	88.3	88.3	88.3	88.3	88.6	88.6	89.9	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS

445

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	1	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	47.1	47.1	47.1
≥ 20000	55.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	59.1	59.1	59.1
≥ 18000	56.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	60.0	60.0	60.0
≥ 16000	56.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	60.2	60.3	60.3
≥ 14000	57.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	62.0	62.0	62.0
≥ 12000	59.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.9	63.9	63.9
≥ 10000	63.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	68.7	68.7	68.7
≥ 9000	63.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	69.6	69.6	69.6
≥ 8000	65.6	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	72.2	72.2	72.2
≥ 7000	66.0	70.8	70.8	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	73.0	73.0	73.0
≥ 6000	66.5	71.8	71.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.9	73.9	73.9
≥ 5000	66.7	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	74.4	74.4	74.4
≥ 4500	67.5	73.0	73.0	73.0	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	75.1	75.1	75.1
≥ 4000	69.9	75.6	75.6	75.6	75.8	76.6	77.0	77.0	77.0	77.3	77.3	77.3	77.3	78.9	78.9	78.9
≥ 3500	70.8	77.3	77.3	77.3	77.5	78.2	78.7	78.7	78.7	78.9	78.9	78.9	78.9	80.6	80.6	80.6
≥ 3000	74.2	81.8	82.1	82.1	82.3	83.0	83.7	83.7	83.7	84.0	84.0	84.0	84.0	85.6	85.6	85.6
≥ 2500	75.6	84.7	84.9	84.9	85.2	85.9	86.6	86.6	86.6	86.8	87.1	87.1	87.1	88.8	88.8	88.8
≥ 2000	76.1	85.6	86.4	86.8	87.1	87.8	88.5	88.5	88.5	88.8	89.0	89.0	89.0	90.7	90.7	90.7
≥ 1800	76.1	85.6	86.4	86.8	87.1	87.8	88.5	88.5	88.5	88.8	89.0	89.0	89.0	90.7	90.7	90.7
≥ 1500	76.1	85.9	86.6	87.1	87.6	88.3	89.0	89.2	89.2	89.7	90.0	90.0	90.0	91.6	91.6	91.6
≥ 1200	76.1	86.1	86.8	87.3	87.8	88.5	89.2	89.5	89.5	90.0	90.2	90.2	90.2	91.9	91.9	91.9
≥ 1000	76.1	86.1	86.8	87.3	87.8	88.5	89.2	89.7	89.7	90.7	90.9	90.9	90.9	92.6	92.6	92.6
≥ 900	76.1	86.1	86.8	87.3	88.0	88.8	89.5	90.2	90.2	91.1	91.6	91.6	91.6	93.3	93.3	93.3
≥ 800	76.1	86.1	86.8	87.6	88.5	89.5	90.2	90.9	90.9	91.9	92.3	92.3	92.3	94.0	94.0	94.0
≥ 700	76.1	86.1	86.8	87.6	88.5	89.5	90.4	91.4	91.4	92.3	92.8	92.8	92.8	94.5	95.0	95.0
≥ 600	76.1	86.1	86.8	87.6	88.8	89.7	90.7	92.1	92.1	93.1	93.5	93.5	93.5	95.2	95.7	95.7
≥ 500	76.1	86.1	86.8	87.6	88.8	90.2	91.6	93.5	93.5	94.7	95.2	95.2	95.2	96.9	97.4	97.6
≥ 400	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	95.9	95.9	95.9	97.6	98.1	98.3
≥ 300	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6
≥ 200	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6
≥ 100	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6
≥ 0	76.1	86.1	86.8	87.6	89.2	90.7	92.1	94.0	94.0	95.2	96.2	96.2	96.2	97.8	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS 418

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVERES AAF MASS

61-63, 74-76

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.1	51.9	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	51.9	63.1	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	52.2	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	52.2	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	53.1	65.2	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	54.0	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	58.1	70.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	59.0	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	59.9	73.7	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	59.9	74.9	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	60.2	75.2	75.8	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	60.2	77.0	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	60.5	77.9	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	63.7	82.0	82.9	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	63.7	82.0	82.9	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	64.9	85.5	86.7	87.3	87.9	88.2	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	64.9	85.8	87.3	87.9	88.5	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	64.9	87.6	89.1	89.7	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	64.9	87.6	89.1	89.7	90.9	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	64.9	89.1	90.6	91.4	92.6	92.9	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	64.9	89.1	90.6	91.4	93.2	93.5	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	64.9	89.1	90.6	91.4	93.5	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	64.9	89.1	90.6	91.4	94.1	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	64.9	89.1	90.6	91.4	94.1	94.7	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	64.9	89.1	90.6	91.4	94.4	95.3	96.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	64.9	89.1	90.6	91.4	95.0	95.9	97.3	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	64.9	89.1	90.6	91.4	95.6	96.5	98.5	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	64.9	89.1	90.6	91.4	95.6	96.5	98.5	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	64.9	89.1	90.6	91.4	95.6	96.5	98.5	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	64.9	89.1	90.6	91.4	95.6	96.5	98.5	98.8	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 0	64.9	89.1	90.6	91.4	95.6	96.5	98.5	98.8	98.8	99.4	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	49.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	44.0	59.1	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	44.4	59.5	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 16000	44.4	59.5	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	45.6	60.7	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	47.6	62.7	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	49.6	65.1	67.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	50.4	65.9	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	52.4	69.8	71.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	52.9	71.0	73.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	53.2	71.4	73.8	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	53.6	71.8	74.2	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	54.8	73.0	75.4	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	57.1	75.4	77.8	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	58.7	77.4	79.8	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	60.3	80.2	82.9	84.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	60.7	81.3	84.1	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	61.9	82.9	85.7	86.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	61.9	82.9	85.7	86.9	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	61.9	84.1	86.9	88.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	61.9	84.5	87.7	88.9	90.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	61.9	84.5	88.9	90.1	91.7	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	61.9	84.9	89.3	90.9	92.5	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	61.9	84.9	89.3	90.9	92.5	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	61.9	84.9	89.3	91.3	93.7	94.4	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	61.9	84.9	89.3	91.3	93.7	94.4	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	61.9	84.9	89.3	91.3	94.8	95.6	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	61.9	84.9	89.3	91.3	94.8	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 252

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	47.6	51.2	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	48.8	53.6	57.1	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	51.2	57.1	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	51.2	57.1	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	52.4	59.5	63.1	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	55.4	63.1	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	55.4	63.1	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	55.4	66.1	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	55.4	66.1	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	55.4	66.7	70.2	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3500	56.0	67.3	70.8	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	56.0	69.6	73.2	73.8	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	56.0	70.2	73.8	74.4	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	57.1	73.2	76.8	77.4	78.0	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	57.1	73.8	78.0	78.6	79.2	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	57.1	73.8	78.0	78.6	79.2	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	57.7	74.4	82.1	82.7	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	57.7	74.4	82.1	83.3	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	57.7	74.4	82.1	83.3	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 800	57.7	74.4	82.1	83.3	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 700	57.7	74.4	82.1	83.3	85.1	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	57.7	74.4	82.1	83.3	85.7	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	57.7	74.4	82.1	83.3	87.5	89.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 400	57.7	74.4	82.1	83.3	87.5	89.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	95.2	96.4	97.6	97.6	97.6	97.6
≥ 200	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	95.8	98.2	99.4	99.4	99.4	99.4
≥ 100	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	95.8	98.2	99.4	100.0	100.0	100.0
≥ 0	57.7	74.4	82.1	83.3	88.7	91.7	94.0	94.0	94.0	94.0	95.8	98.2	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.6	48.2	49.4	49.4	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	42.9	52.4	53.5	53.5	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	48.2	57.6	58.8	58.8	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	48.8	58.2	59.4	59.4	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	51.2	60.6	61.8	61.8	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	52.4	62.4	63.5	63.5	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	52.9	64.1	65.3	65.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	52.9	65.9	67.1	67.1	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	52.9	67.6	68.8	68.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	55.3	70.6	71.8	71.8	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	55.3	70.6	71.8	71.8	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	56.5	73.5	74.7	74.7	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	56.5	74.1	75.3	75.3	77.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2000	56.5	75.3	76.5	76.5	78.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	56.5	75.3	76.5	76.5	78.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	56.5	75.9	77.1	77.1	79.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	57.6	77.6	80.0	80.6	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	57.6	77.6	80.0	80.6	82.4	83.5	83.5	83.5	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	57.6	77.6	80.6	81.2	82.9	84.7	84.7	84.7	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	57.6	77.6	80.6	81.8	83.5	85.3	85.9	85.9	85.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	57.6	77.6	80.6	81.8	83.5	85.9	86.5	86.5	86.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 600	57.6	77.6	80.6	81.8	84.1	86.5	87.1	87.1	87.1	88.2	88.2	89.4	89.4	89.4	89.4	89.4
≥ 500	57.6	77.6	80.6	81.8	84.1	87.1	88.2	88.2	88.8	90.0	90.0	91.2	91.8	91.8	91.8	91.8
≥ 400	57.6	77.6	80.6	81.8	84.1	87.1	88.2	89.4	90.6	91.8	91.8	92.9	93.5	93.5	93.5	93.5
≥ 300	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.4	93.5	94.7	94.7	95.9	96.5	96.5	96.5	96.5
≥ 200	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	98.2	98.2	98.2	98.2
≥ 100	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	99.4	100.0	100.0	100.0
≥ 0	57.6	77.6	80.6	81.8	84.7	88.8	90.6	92.9	94.1	96.5	96.5	97.6	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

170

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.3	45.9	45.9	46.4	46.9	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.2	48.2
≥ 20000	46.7	53.3	53.3	53.8	54.3	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.5	55.5	56.0	56.0
≥ 18000	47.2	54.1	54.1	54.5	55.0	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.8	56.8
≥ 16000	47.2	54.1	54.1	54.5	55.0	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.8	56.8
≥ 14000	47.4	54.3	54.3	54.8	55.3	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.5	56.5	57.0	57.0
≥ 12000	47.4	54.5	54.5	55.0	55.8	56.5	56.5	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.5	57.5
≥ 10000	50.1	57.2	57.2	57.7	58.5	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.7	59.7	60.2	60.2
≥ 9000	50.9	58.5	58.7	59.2	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.7	61.7
≥ 8000	52.1	60.2	60.9	61.4	62.2	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.4	63.4	63.9	63.9
≥ 7000	53.1	62.4	63.1	63.6	64.6	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.3	66.3
≥ 6000	53.6	62.9	63.6	64.1	65.1	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.8	66.8
≥ 5000	56.3	66.6	67.3	67.8	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.5	70.5
≥ 4500	56.3	66.8	67.6	68.1	69.0	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.3	70.3	70.8	70.8
≥ 4000	57.2	69.0	69.8	70.3	71.3	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.5	72.5	73.0	73.0
≥ 3500	57.7	70.8	71.7	72.2	73.2	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.9	74.9
≥ 3000	58.7	74.7	75.7	76.2	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.9	78.9
≥ 2500	58.7	75.2	76.2	76.9	78.1	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.6	79.6	80.1	80.1
≥ 2000	59.0	75.7	76.7	77.6	79.6	80.3	80.8	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.8	81.8
≥ 1800	59.0	75.7	76.9	77.9	79.9	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.6	81.6	82.1	82.1
≥ 1500	59.0	75.7	76.9	77.9	79.9	81.1	81.8	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.8	82.8
≥ 1200	59.0	75.9	77.6	78.6	80.6	82.3	83.0	83.3	83.3	83.3	83.3	83.3	83.5	83.5	84.0	84.0
≥ 1000	59.0	75.9	77.9	78.9	80.8	82.6	83.5	83.8	83.8	84.0	84.3	84.3	84.5	84.5	85.0	85.0
≥ 900	59.0	76.2	78.4	79.6	81.6	83.3	84.3	84.5	84.5	85.0	85.3	85.3	85.5	85.5	86.0	86.0
≥ 800	59.0	76.2	78.6	79.9	82.1	84.0	85.0	86.2	86.2	87.2	88.0	88.0	88.2	88.2	88.7	88.7
≥ 700	59.0	76.2	78.6	79.9	82.1	84.0	85.0	86.5	86.5	87.5	88.5	88.7	88.9	88.9	89.4	89.4
≥ 600	59.0	76.4	78.9	80.1	82.6	84.8	85.7	87.5	87.5	88.7	89.7	90.2	90.4	90.7	91.2	91.2
≥ 500	59.0	76.4	78.9	80.1	82.8	85.0	86.2	88.0	88.0	89.2	90.4	90.9	91.2	91.4	91.9	91.9
≥ 400	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	91.4	93.1	93.6	93.9	94.1	94.8	94.8
≥ 300	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	91.6	93.4	93.9	94.1	94.3	95.3	95.3
≥ 200	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.3	95.6	96.6	96.8
≥ 100	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.6	96.3	98.0	98.3
≥ 0	59.0	76.7	79.1	80.3	83.0	85.7	87.5	90.2	90.2	92.1	94.1	94.6	95.6	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	41.8	45.2	45.2	45.2	45.2	45.5	45.5	45.5	45.5	45.7	45.7	45.7	46.8	47.0	47.2	47.2
≥ 20000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 18000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 16000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 14000	48.7	53.9	54.1	54.8	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	56.7	56.9	57.1	57.1
≥ 12000	50.0	55.2	55.4	56.1	56.5	56.9	56.9	56.9	56.9	57.1	57.1	57.1	58.2	58.4	58.7	58.7
≥ 10000	51.7	56.9	57.1	58.0	58.7	59.1	59.1	59.1	59.1	59.3	59.3	59.3	60.4	60.6	60.8	60.8
≥ 9000	52.6	57.8	58.0	58.9	59.5	60.0	60.0	60.0	60.0	60.2	60.2	60.2	61.3	61.5	61.7	61.7
≥ 8000	56.7	62.8	63.4	64.3	64.9	65.4	65.4	65.4	65.4	65.6	65.6	65.6	66.7	66.9	67.1	67.1
≥ 7000	56.9	64.1	64.7	65.6	66.2	66.7	66.7	66.7	66.7	66.9	66.9	66.9	68.0	68.2	68.4	68.4
≥ 6000	58.2	65.4	66.0	66.9	67.5	68.0	68.0	68.0	68.0	68.2	68.2	68.2	69.3	69.5	69.7	69.7
≥ 5000	59.3	66.9	67.5	68.4	69.0	69.5	69.5	69.5	69.5	69.7	69.7	69.7	70.8	71.0	71.2	71.2
≥ 4500	59.7	67.3	68.0	68.8	69.5	69.9	69.9	69.9	69.9	70.1	70.1	70.1	71.2	71.4	71.6	71.6
≥ 4000	62.6	70.6	71.2	72.3	72.9	73.4	73.4	73.6	73.6	73.8	73.8	73.8	74.9	75.1	75.3	75.3
≥ 3500	63.0	71.2	71.9	72.9	73.6	74.0	74.0	74.2	74.2	74.5	74.5	74.5	75.5	75.8	76.0	76.0
≥ 3000	64.1	72.7	73.8	74.9	75.5	76.0	76.0	76.2	76.2	76.4	76.4	76.4	77.5	77.7	77.9	77.9
≥ 2500	64.5	73.8	74.9	76.0	76.8	77.3	77.3	77.5	77.5	77.7	77.7	77.7	78.8	79.0	79.2	79.2
≥ 2000	64.5	74.5	75.8	77.1	78.4	79.0	79.4	79.7	79.7	79.9	79.9	79.9	81.0	81.2	81.4	81.4
≥ 1800	64.5	74.5	75.8	77.1	78.4	79.0	79.4	79.7	79.7	79.9	79.9	79.9	81.0	81.2	81.4	81.4
≥ 1500	64.7	75.1	76.8	78.6	80.1	80.7	81.6	82.0	82.0	82.3	82.3	82.3	83.3	83.5	83.8	83.8
≥ 1200	64.7	75.1	77.1	78.8	81.0	81.8	83.3	83.8	83.8	84.2	84.2	84.2	85.5	85.7	85.9	85.9
≥ 1000	64.7	75.1	77.1	78.8	81.2	82.3	84.0	84.4	84.4	84.8	85.1	85.1	86.4	86.6	86.8	86.8
≥ 900	64.7	75.1	77.1	79.0	81.4	82.5	84.4	85.1	85.3	85.7	85.9	85.9	87.2	87.4	87.7	87.7
≥ 800	64.7	75.3	77.5	79.4	81.8	82.9	85.3	86.8	87.0	87.9	88.3	88.5	89.8	90.0	90.3	90.3
≥ 700	64.7	75.3	77.5	79.4	81.8	82.9	85.3	87.0	87.2	88.1	88.7	89.0	90.3	90.5	90.7	90.7
≥ 600	64.7	76.0	78.4	80.5	82.9	84.0	86.6	88.5	88.7	89.6	90.5	90.7	92.0	92.6	93.1	93.1
≥ 500	64.7	76.0	78.4	80.5	83.1	84.2	87.2	89.6	89.8	90.9	92.2	92.4	94.2	94.8	95.2	95.2
≥ 400	64.7	76.0	78.4	80.5	83.1	84.6	87.9	90.3	90.5	91.8	93.1	93.3	95.2	95.9	96.3	96.3
≥ 300	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.3	93.9	96.1	96.8	97.4	97.4
≥ 200	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.1	98.3
≥ 100	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.5	99.6
≥ 0	64.7	76.0	78.4	80.5	83.1	84.8	88.1	90.5	90.7	92.0	93.5	94.2	96.3	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 462

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	45.1	45.3	45.5	45.5
≥ 20000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1	57.1
≥ 18000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1	57.1
≥ 16000	51.9	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	56.6	56.9	57.1	57.1
≥ 14000	52.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	57.1	57.3	57.5	57.5
≥ 12000	54.2	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	59.0	59.3	59.5	59.5
≥ 10000	56.5	59.9	60.3	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	63.0	63.2	63.4	63.4
≥ 9000	58.4	61.4	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	64.7	64.9	65.1	65.1
≥ 8000	61.0	64.7	65.4	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	68.0	68.2	68.4	68.4
≥ 7000	62.5	66.7	67.3	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	69.9	70.2	70.4	70.4
≥ 6000	63.0	67.5	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1	70.8	71.0	71.2	71.2
≥ 5000	63.8	68.4	69.1	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	71.7	71.9	72.1	72.1
≥ 4500	64.1	68.8	69.5	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	72.1	72.3	72.5	72.5
≥ 4000	65.8	71.0	71.7	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	74.7	74.9	75.2	75.2
≥ 3500	67.1	73.4	74.3	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	77.6	77.8	78.0	78.0
≥ 3000	69.5	77.1	78.2	78.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	81.5	81.7	81.9	81.9
≥ 2500	69.5	77.8	79.1	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	82.4	82.6	82.8	82.8
≥ 2000	69.7	78.0	79.5	80.6	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.8	84.5	84.7	85.0	85.0
≥ 1800	69.7	78.0	79.5	80.6	81.7	81.7	82.6	82.6	82.6	82.6	82.6	82.8	84.5	84.7	85.0	85.0
≥ 1500	69.7	79.3	80.8	82.4	83.4	83.4	84.5	84.7	84.7	84.7	84.7	85.0	86.7	86.9	87.1	87.1
≥ 1200	69.7	79.5	81.3	82.8	84.1	84.1	85.6	85.8	85.8	85.8	85.8	86.1	87.8	88.0	88.2	88.2
≥ 1000	69.7	79.7	81.5	83.2	84.5	84.5	86.5	86.9	86.9	87.6	87.6	87.8	89.5	89.8	90.0	90.0
≥ 900	69.7	80.0	81.7	83.4	84.7	85.0	86.9	87.4	87.6	88.2	88.2	88.5	90.2	90.4	90.6	90.6
≥ 800	69.7	80.0	81.7	83.4	85.0	85.2	87.1	87.6	87.8	88.5	88.7	88.9	90.6	90.8	91.1	91.1
≥ 700	69.7	80.0	81.7	83.7	85.2	85.4	87.6	88.2	88.5	89.1	89.3	89.8	91.5	91.7	91.9	91.9
≥ 600	69.7	80.0	81.9	84.1	85.6	85.8	88.5	89.5	89.8	90.8	91.1	91.7	93.0	94.1	94.3	94.3
≥ 500	69.7	80.0	81.9	84.5	86.1	86.3	89.1	90.4	90.6	91.7	91.9	92.6	95.0	95.2	95.4	95.4
≥ 400	69.7	80.0	81.9	84.5	86.1	86.5	89.5	90.8	91.1	92.2	92.6	93.2	95.9	96.1	96.5	96.5
≥ 300	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.0	93.5	94.1	96.7	97.4	98.0	98.0
≥ 200	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.2	98.0	98.7	98.7
≥ 100	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.8	98.7	99.3	100.0
≥ 0	69.7	80.0	81.9	84.5	86.1	86.7	90.0	91.7	91.9	93.5	93.9	94.6	97.8	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

459

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVEN'S AAF MASS
STATION NAME

01-63,74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.5	51.2	51.2	51.4	52.1	52.1
≥ 20000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2
≥ 18000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2
≥ 16000	59.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.3	61.3	61.5	62.2	62.2
≥ 14000	59.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.1	61.8	61.8	62.0	62.7	62.7
≥ 12000	61.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9	63.6	63.6	63.8	64.5	64.5
≥ 10000	63.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	66.4	66.4	66.6	67.3	67.3
≥ 9000	64.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	68.0	68.0	68.2	68.9	68.9
≥ 8000	66.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	71.0	71.0	71.2	71.9	71.9
≥ 7000	67.5	72.1	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.8	73.5	73.5	73.7	74.4	74.4
≥ 6000	67.5	72.4	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.3	74.0	74.0	74.2	74.9	74.9
≥ 5000	68.0	73.3	73.3	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.2	74.9	74.9	75.1	75.8	75.8
≥ 4500	68.7	74.2	74.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.1	75.8	75.8	76.0	76.7	76.7
≥ 4000	70.5	76.3	76.3	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.4	78.1	78.1	78.3	79.0	79.0
≥ 3500	71.7	77.9	77.9	78.6	78.6	78.8	78.8	78.8	78.8	78.8	79.0	79.7	79.7	80.0	80.6	80.6
≥ 3000	74.2	81.6	81.6	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.7	83.4	83.4	83.6	84.3	84.3
≥ 2500	75.6	83.6	83.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.3	85.9	85.9	86.2	86.9	86.9
≥ 2000	75.6	84.8	84.8	86.2	86.4	86.6	87.1	87.1	87.1	87.1	87.3	88.0	88.0	88.2	88.9	88.9
≥ 1800	75.6	84.8	84.8	86.2	86.4	86.6	87.1	87.1	87.1	87.1	87.3	88.0	88.0	88.2	88.9	88.9
≥ 1500	75.6	84.8	84.8	86.2	86.6	86.9	87.6	87.6	87.6	87.6	87.8	88.5	88.5	88.7	89.4	89.4
≥ 1200	75.6	85.0	85.0	86.4	86.9	87.3	88.0	88.2	88.5	88.5	88.7	89.4	89.4	89.6	90.3	90.3
≥ 1000	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2
≥ 900	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2
≥ 800	75.8	85.3	85.3	86.9	87.3	88.2	88.9	89.2	89.4	89.4	89.6	90.3	90.3	90.6	91.2	91.2
≥ 700	75.8	85.3	85.3	86.9	87.3	88.5	89.2	89.6	89.9	90.1	90.6	90.8	91.0	91.7	91.7	91.7
≥ 600	75.8	85.3	85.3	86.9	87.8	89.6	91.8	91.7	91.9	92.4	93.3	93.3	93.8	94.5	94.7	94.7
≥ 500	75.8	85.3	85.3	86.9	88.0	90.1	91.5	92.4	92.6	93.3	94.2	94.2	94.9	95.6	95.9	95.9
≥ 400	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	94.5	95.4	95.4	96.8	97.5	97.7	97.7
≥ 300	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	94.5	95.6	95.6	97.2	97.9	98.4	98.4
≥ 200	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0
≥ 100	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0
≥ 0	75.8	85.3	85.3	86.9	88.0	90.3	91.9	93.3	93.5	94.5	95.6	95.6	97.7	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	49.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6	54.2	54.2	54.2	54.2
≥ 20000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 18000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 16000	56.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	62.1	62.1	62.1	62.1
≥ 14000	56.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.4	63.0	63.0	63.0	63.0
≥ 12000	57.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.8	64.8	64.8	64.8
≥ 10000	60.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	68.2	68.2	68.2	68.2
≥ 9000	62.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	70.0	70.0	70.0	70.0
≥ 8000	64.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.6	73.6	73.6	73.6
≥ 7000	65.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	76.1	76.1	76.1	76.1
≥ 6000	65.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	76.4	76.4	76.4	76.4
≥ 5000	65.5	75.8	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.7	77.3	77.3	77.3	77.3
≥ 4500	66.4	77.9	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.8	79.4	79.4	79.4	79.4
≥ 4000	67.0	78.8	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.7	80.3	80.3	80.3	80.3
≥ 3500	67.0	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.6	80.6	80.6	80.6
≥ 3000	68.5	81.2	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.7	82.7	82.7	82.7
≥ 2500	68.8	82.7	83.0	83.0	83.0	83.6	83.9	83.9	83.9	83.9	83.9	84.2	84.8	84.8	84.8	84.8
≥ 2000	68.8	83.0	83.3	83.3	83.3	83.9	84.2	84.2	84.2	84.2	84.2	84.5	85.2	85.2	85.2	85.2
≥ 1800	68.8	83.0	83.3	83.3	83.3	83.9	84.2	84.2	84.2	84.2	84.2	84.5	85.2	85.2	85.2	85.2
≥ 1500	68.8	83.3	83.6	83.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.8	85.5	85.5	85.5	85.5
≥ 1200	68.8	83.3	83.6	83.6	83.6	84.5	84.8	84.8	84.8	84.8	84.8	85.2	85.8	85.8	85.8	85.8
≥ 1000	68.8	83.3	83.6	83.6	83.6	84.5	85.2	85.2	85.2	85.2	85.2	85.5	86.1	86.1	86.1	86.1
≥ 900	68.8	83.6	83.9	83.9	83.9	84.8	85.5	85.5	85.5	85.5	85.5	85.8	86.4	86.4	86.4	86.4
≥ 800	68.8	83.6	83.9	83.9	83.9	84.8	85.5	85.5	85.5	85.5	85.5	86.1	86.7	86.7	86.7	86.7
≥ 700	68.8	83.9	84.2	84.2	84.2	85.4	87.0	87.0	87.0	87.0	87.0	87.6	88.5	88.5	88.5	88.5
≥ 600	68.8	84.8	85.8	85.8	85.8	87.9	88.5	89.1	89.1	89.1	89.1	89.7	90.6	90.6	90.6	90.6
≥ 500	68.8	84.8	85.8	86.1	86.1	89.1	90.0	90.6	91.2	91.8	91.8	92.4	93.3	93.6	93.6	93.6
≥ 400	68.8	84.8	85.8	86.1	86.1	89.4	90.3	91.2	92.1	92.7	92.7	93.3	94.5	94.8	94.8	94.8
≥ 300	68.8	84.8	85.8	86.1	86.1	89.4	91.2	92.7	93.6	94.2	94.2	94.8	96.7	97.6	97.9	97.9
≥ 200	68.8	84.8	85.8	86.1	86.1	89.4	91.2	92.7	93.6	94.2	94.2	95.2	97.0	98.2	98.8	98.8
≥ 100	68.8	84.8	85.8	86.1	86.1	89.4	91.2	92.7	93.6	94.2	94.2	95.2	97.0	98.2	98.8	99.1
≥ 0	68.8	84.8	85.8	86.1	86.1	89.4	91.2	92.7	93.6	94.2	94.2	95.2	97.0	98.2	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS

330

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FLRT DEVELS AAF MASS
STATION NAME

61-63,76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	48.0	53.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	52.0	57.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	52.4	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	54.1	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	54.6	63.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	55.9	64.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	59.8	69.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	59.8	69.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	60.3	70.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	60.3	72.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	61.6	73.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	61.6	73.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	62.0	74.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	62.0	75.5	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	62.0	77.3	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	62.0	77.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1500	62.0	77.7	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	62.0	78.2	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	62.0	78.6	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	62.0	78.6	82.1	83.0	83.0	83.0	83.0	83.0	83.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 800	62.0	78.6	82.1	83.4	83.4	83.4	83.4	83.4	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 700	62.0	78.6	82.1	83.4	83.8	83.8	83.8	83.8	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 500	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 400	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 300	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 200	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 100	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 0	62.0	78.6	82.1	83.4	84.3	84.3	84.3	84.3	84.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

229

DATA PROCESSING BRANCH
AFAC
HER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FLRT DEVERA AAF MASS

62-63

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	57.0	57.0	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	51.6	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	51.6	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	51.6	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	51.6	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	52.7	61.3	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	55.9	64.5	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	55.9	67.2	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	55.9	67.7	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	57.0	71.0	71.0	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	57.5	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	57.5	72.0	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	59.1	73.7	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	59.1	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	60.2	76.3	76.3	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	60.2	79.6	79.6	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	61.3	81.2	81.2	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	61.3	82.8	83.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	61.3	82.8	83.3	84.4	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	61.3	82.8	83.3	84.4	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	61.3	83.3	83.9	85.5	86.0	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	61.3	83.3	84.4	86.0	87.1	89.8	90.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	61.3	83.3	84.9	86.6	87.6	90.3	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	61.3	83.9	85.5	87.1	88.2	90.9	91.9	93.0	93.0	93.0	93.0	94.1	94.1	94.1	94.1	94.1
≥ 500	61.3	83.9	85.5	87.1	88.2	90.9	91.9	93.5	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6
≥ 400	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	97.3	97.3	97.3	97.3	97.3
≥ 300	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	97.3	97.3	97.3	97.3	97.3
≥ 200	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	97.3	97.3	97.3	97.3	97.3
≥ 100	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	97.3	97.3	97.3	97.3	97.3
≥ 0	61.3	84.4	87.1	88.7	89.8	93.0	94.1	95.7	95.7	95.7	95.7	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENES AAF MASS
STATION NAME

62-63
YEARS

VAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	48.4	54.3	55.9	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	50.0	58.6	60.2	60.2	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	51.1	60.2	61.8	61.8	62.4	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	52.7	62.4	64.0	64.0	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	52.7	64.0	65.6	65.6	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	52.7	65.6	67.7	67.7	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	52.7	65.6	67.7	67.7	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	52.7	65.6	67.7	67.7	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	52.7	65.6	67.7	67.7	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	54.3	68.3	70.4	70.4	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	54.3	68.3	71.0	71.0	71.5	71.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	54.3	69.9	72.0	72.6	73.1	73.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	54.8	71.0	74.2	75.8	76.3	76.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	55.4	72.6	76.3	78.0	78.5	78.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	55.9	73.1	76.9	78.5	79.0	79.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1800	55.9	73.1	76.9	78.5	79.0	79.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	55.9	73.1	76.9	78.5	79.0	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	55.9	73.1	77.4	79.0	79.6	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	55.9	73.7	79.6	81.7	83.3	85.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 900	55.9	73.7	79.6	81.7	83.3	85.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 800	55.9	73.7	81.2	84.4	86.6	86.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	55.9	75.3	83.3	87.1	89.2	91.4	93.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	55.9	75.3	83.3	87.1	89.8	91.9	94.1	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	55.9	75.3	83.3	87.1	89.8	91.9	94.1	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	55.9	75.3	83.3	87.1	89.8	91.9	94.6	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	55.9	75.3	83.3	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	100.0	100.0	100.0
≥ 100	55.9	75.3	83.3	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	100.0	100.0	100.0
≥ 0	55.9	75.3	83.3	87.6	90.3	92.5	95.2	96.8	96.8	97.8	97.8	98.4	98.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVEN S AAF MASS

51-63,74-76

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.6	53.0	53.3	53.3	53.5
≥ 20000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 18000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 16000	52.2	58.5	59.1	59.8	59.8	59.8	60.0	60.0	60.0	60.6	60.8	60.8	61.0	61.2	61.2	61.4
≥ 14000	52.8	59.3	60.0	60.6	60.6	60.6	60.8	60.8	60.8	61.4	61.6	61.6	61.8	62.0	62.0	62.2
≥ 12000	54.3	61.2	61.8	62.4	62.4	62.4	62.6	62.6	62.6	63.2	63.4	63.4	63.6	63.8	63.8	64.0
≥ 10000	57.1	64.2	64.8	65.4	65.4	65.4	65.7	65.7	65.7	66.3	66.5	66.5	66.7	66.9	66.9	67.1
≥ 9000	57.1	64.2	65.0	65.9	65.9	65.9	66.1	66.1	66.1	66.7	66.9	66.9	67.1	67.3	67.3	67.5
≥ 8000	58.5	66.3	67.3	68.1	68.1	68.1	68.3	68.3	68.3	68.9	69.1	69.1	69.3	69.5	69.5	69.7
≥ 7000	58.9	67.5	68.5	69.3	69.3	69.3	69.7	69.7	69.7	70.3	70.5	70.5	70.7	70.9	70.9	71.1
≥ 6000	58.9	67.5	68.5	69.3	69.3	69.3	69.7	69.7	69.7	70.3	70.5	70.5	70.7	70.9	70.9	71.1
≥ 5000	59.6	68.3	69.3	70.1	70.1	70.1	70.7	70.9	70.9	71.5	71.7	71.7	72.0	72.2	72.2	72.4
≥ 4500	59.8	68.5	69.5	70.3	70.3	70.3	70.9	71.1	71.1	71.7	72.0	72.0	72.2	72.4	72.4	72.6
≥ 4000	61.4	70.1	71.1	72.0	72.0	72.0	72.6	72.8	72.8	73.4	73.6	73.6	73.8	74.0	74.0	74.2
≥ 3500	61.4	70.9	72.0	72.8	72.8	72.8	73.4	73.6	73.6	74.2	74.4	74.4	74.6	74.8	74.8	75.0
≥ 3000	63.2	73.6	74.6	75.4	75.6	75.8	76.4	76.8	76.8	77.6	77.8	77.8	78.0	78.3	78.3	78.5
≥ 2500	64.4	75.4	76.4	77.2	77.4	77.6	78.5	79.1	79.1	80.3	80.5	80.5	80.7	80.9	80.9	81.1
≥ 2000	64.4	75.8	76.8	78.0	78.3	78.7	79.5	80.3	80.3	81.7	82.1	82.1	82.3	82.5	82.5	82.7
≥ 1800	64.4	75.8	76.8	78.0	78.3	78.7	79.7	80.5	80.5	81.9	82.3	82.3	82.5	82.7	82.7	82.9
≥ 1500	64.4	75.4	77.6	78.9	79.3	79.7	80.9	81.9	81.9	83.3	83.7	83.7	83.9	84.1	84.1	84.3
≥ 1200	64.6	76.0	78.0	79.5	79.9	80.3	81.9	82.9	82.9	84.3	84.8	84.8	85.0	85.2	85.2	85.4
≥ 1000	64.6	77.8	79.3	80.7	81.5	81.9	83.5	84.8	85.2	86.6	87.0	87.0	87.2	87.4	87.4	87.6
≥ 900	64.8	78.7	80.5	81.9	83.1	83.5	85.2	86.4	86.8	88.2	88.6	88.6	88.8	89.0	89.0	89.2
≥ 800	65.2	79.7	82.3	83.9	85.4	85.8	87.4	88.8	89.2	90.7	91.3	91.3	91.5	91.7	91.7	91.9
≥ 700	65.2	79.9	82.5	84.1	86.0	86.4	88.4	90.0	90.4	92.1	93.1	93.1	93.3	93.5	93.5	93.7
≥ 600	65.2	80.3	83.1	84.8	86.8	87.2	89.2	91.1	91.5	93.1	94.1	94.1	94.5	94.7	94.7	94.9
≥ 500	65.2	80.3	83.1	84.8	87.0	87.6	89.8	92.3	93.1	95.5	96.5	96.5	97.2	97.6	97.6	97.8
≥ 400	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.7	93.5	96.1	97.4	97.6	98.2	98.6	98.6	98.8
≥ 300	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	99.8
≥ 200	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	99.8
≥ 100	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	100.0
≥ 0	65.2	80.3	83.1	85.0	87.4	88.0	90.2	92.9	93.7	96.5	97.8	98.0	99.0	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 492

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	54.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	54.6	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	55.4	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	58.3	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	58.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	60.7	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	61.6	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	61.8	67.7	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	62.2	68.7	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4500	62.2	68.9	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	64.6	71.2	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	66.1	72.8	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	70.3	78.7	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	72.4	81.0	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	73.2	82.0	83.6	84.0	84.3	84.5	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	73.4	82.4	84.0	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	73.6	83.4	85.1	85.5	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	73.8	84.3	86.3	86.9	87.7	87.9	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000	73.8	84.5	86.7	87.3	88.5	88.8	89.2	89.2	89.4	89.6	89.8	89.8	89.8	90.2	90.2	90.2
≥ 900	74.4	85.3	87.5	88.1	89.4	89.8	90.2	90.2	90.4	90.6	90.8	90.8	90.8	91.2	91.2	91.2
≥ 800	74.4	85.3	87.5	88.5	90.0	90.4	90.8	91.0	91.2	91.4	91.6	91.6	91.6	92.0	92.0	92.0
≥ 700	74.4	85.3	87.5	88.5	90.2	90.8	91.4	92.4	92.6	93.0	93.2	93.2	93.2	93.5	93.5	93.5
≥ 600	74.4	85.3	87.5	88.5	90.4	91.4	92.2	93.3	93.5	94.3	94.7	94.9	94.9	95.3	95.3	95.3
≥ 500	74.4	85.5	88.1	89.2	91.2	93.0	93.7	95.1	95.7	96.7	97.3	97.5	97.5	97.8	98.4	98.4
≥ 400	74.4	85.5	88.1	89.2	91.2	93.0	93.7	95.3	96.1	97.1	97.7	97.7	97.7	98.2	98.8	98.8
≥ 300	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	98.8	99.6	99.6
≥ 200	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0
≥ 100	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0
≥ 0	74.4	85.5	88.1	89.2	91.2	93.0	94.1	95.7	96.5	97.5	98.0	98.2	98.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

511

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

01-63, 74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0
≥ 20000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 18000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 16000	54.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9
≥ 14000	54.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3
≥ 12000	55.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3
≥ 10000	58.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
≥ 9000	58.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0
≥ 8000	59.8	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9
≥ 7000	61.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9
≥ 6000	61.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9
≥ 5000	62.4	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0
≥ 4500	62.8	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 4000	67.3	73.5	73.7	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5
≥ 3500	69.0	75.6	75.8	75.8	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6
≥ 3000	75.8	84.0	84.2	84.2	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0
≥ 2500	77.0	85.4	85.8	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7
≥ 2000	78.0	86.9	87.3	87.7	87.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9
≥ 1800	78.0	86.9	87.3	87.9	88.1	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1
≥ 1500	78.8	87.7	88.1	88.7	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1
≥ 1200	79.7	89.5	89.9	90.4	90.8	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8
≥ 1000	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 900	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 800	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 700	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 600	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 500	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 400	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 300	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 200	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 100	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 0	79.9	89.9	90.4	91.0	91.4	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

31-53.74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2
≥ 20000	58.2	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5
≥ 18000	58.4	59.0	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
≥ 16000	58.4	59.0	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7
≥ 14000	58.8	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1
≥ 12000	59.7	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9
≥ 10000	61.8	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1
≥ 9000	62.3	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2
≥ 8000	63.9	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5
≥ 7000	64.7	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2
≥ 6000	64.7	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2
≥ 5000	66.8	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9
≥ 4500	67.4	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 4000	70.3	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5
≥ 3500	71.8	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
≥ 3000	76.9	85.7	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8
≥ 2500	77.3	86.7	86.8	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6
≥ 2000	77.9	88.7	88.7	88.9	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
≥ 1800	77.9	88.7	88.7	88.9	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
≥ 1500	78.6	83.7	89.3	89.5	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5
≥ 1200	78.8	88.9	89.5	89.7	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8
≥ 1000	79.2	89.3	89.9	90.1	91.0	91.2	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4
≥ 900	79.2	89.3	89.9	90.1	91.0	91.2	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4
≥ 800	79.2	89.3	89.9	90.1	91.0	91.4	92.2	93.1	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5
≥ 700	79.2	89.3	90.1	90.3	91.4	92.2	93.5	94.5	94.7	95.2	95.4	95.4	95.4	95.6	95.6	95.6
≥ 600	79.2	89.7	90.5	90.8	91.8	92.6	93.9	95.0	95.2	95.6	96.0	96.2	96.4	96.4	96.4	96.4
≥ 500	79.2	89.7	90.5	91.0	92.4	93.3	95.0	96.4	96.6	97.3	97.9	98.1	98.3	98.3	98.3	98.3
≥ 400	79.2	89.7	90.5	91.0	92.4	93.3	95.2	96.6	96.8	97.5	98.1	98.3	98.7	98.7	98.7	98.7
≥ 300	79.2	89.7	90.5	91.0	92.4	93.5	95.4	97.5	97.7	98.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 200	79.2	89.7	90.5	91.0	92.4	93.5	95.4	97.5	97.7	98.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 100	79.2	89.7	90.5	91.0	92.4	93.5	95.4	97.5	97.7	98.3	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	79.2	89.7	90.5	91.0	92.4	93.5	95.4	97.5	97.7	98.3	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 476

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVERIS AAF MASS
STATION NAME

1-63, 74-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	58.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	56.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	58.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	62.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	65.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	65.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	67.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	68.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	69.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	69.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	70.9	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	73.4	79.9	80.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	74.6	81.1	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	76.6	83.3	83.6	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	77.4	84.5	84.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	77.7	84.7	85.9	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1200	78.2	85.3	86.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	78.2	85.3	86.4	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	78.2	85.3	86.4	87.6	88.1	88.4	88.7	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	78.5	85.9	87.3	88.4	89.0	89.5	89.8	90.4	90.4	90.4	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	78.5	86.2	87.6	89.0	89.5	90.1	90.7	92.1	92.1	92.1	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	78.5	86.2	87.6	89.5	90.1	90.7	91.2	92.9	92.9	93.2	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	78.5	86.2	87.6	89.8	90.7	91.5	92.9	94.6	94.6	94.9	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	78.5	86.2	87.6	89.8	90.7	92.1	93.5	95.2	95.5	96.0	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	99.4	99.4	99.4	99.4	99.7	99.7
≥ 200	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	78.5	86.2	87.6	89.8	91.0	92.4	93.8	95.8	96.0	96.6	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-03-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	53.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	53.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	53.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	54.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	59.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	59.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	59.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	62.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	64.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	64.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	65.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	66.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	67.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	69.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	70.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	70.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	70.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	70.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	71.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	71.2	84.4	84.8	84.8	84.8	84.8	84.8	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	71.6	84.8	85.2	85.6	86.4	86.4	86.4	86.4	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	71.6	85.2	86.4	86.8	87.5	87.9	87.9	88.3	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	71.6	85.2	86.8	87.2	88.3	89.9	89.9	90.7	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	71.6	85.2	86.8	87.2	88.3	90.3	91.1	91.8	92.6	93.4	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	71.6	85.2	86.8	87.2	88.3	90.3	91.4	92.2	93.4	94.6	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	71.6	85.2	86.8	87.2	89.5	91.4	92.6	93.4	94.6	96.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	71.6	85.2	86.8	87.2	89.5	91.4	92.6	93.4	94.6	96.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	71.6	85.2	86.8	88.3	90.7	92.6	93.8	94.6	95.7	97.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

2-63
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	57.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	57.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	57.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	58.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	65.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	66.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	66.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	68.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	68.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	70.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	71.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	71.1	78.9	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	71.1	78.9	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	71.1	78.9	80.6	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.2
≥ 1800	71.1	79.4	80.6	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.8
≥ 1500	71.1	80.0	81.1	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.3
≥ 1200	71.1	80.6	81.7	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.9
≥ 1000	71.1	81.1	82.2	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.4	84.4	85.0
≥ 900	71.1	81.1	82.2	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.4	84.4	84.4	85.0
≥ 800	71.1	81.1	82.8	83.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6	85.6	85.6	85.6	86.1
≥ 700	71.1	81.1	85.0	87.2	88.3	89.4	89.4	89.4	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.6
≥ 600	71.1	81.7	85.6	88.3	91.1	92.2	92.8	92.8	92.8	92.8	92.8	93.3	93.3	93.3	93.3	93.9
≥ 500	71.1	81.7	86.1	89.4	92.2	93.3	93.9	93.9	93.9	93.9	93.9	94.4	94.4	94.4	94.4	95.0
≥ 400	71.1	81.7	86.1	89.4	92.2	93.9	95.0	95.6	95.6	96.1	96.7	96.7	96.7	96.7	96.7	97.2
≥ 300	71.1	81.7	86.1	89.4	92.2	93.9	95.0	95.6	95.6	96.1	96.7	96.7	96.7	96.7	96.7	97.2
≥ 200	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	97.2	97.8	97.8	97.8	98.3	98.3	98.9
≥ 100	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	97.2	97.8	97.8	97.8	98.3	98.3	98.9
≥ 0	71.1	81.7	86.1	89.4	92.2	94.4	96.1	96.7	96.7	97.2	97.8	97.8	97.8	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING FAC
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63,76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	56.8	57.4	58.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	54.1	59.0	59.6	61.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	54.6	59.6	60.1	61.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	57.4	62.3	62.8	64.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	59.0	65.0	65.6	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	60.7	68.9	69.4	71.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	62.3	70.5	71.0	72.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	63.4	71.6	72.1	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	65.6	73.8	74.3	76.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	66.1	74.3	74.9	76.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	67.2	75.4	76.0	77.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	67.2	76.0	77.0	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	67.2	76.0	77.6	79.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	67.2	77.6	79.2	80.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	83.1	83.1	83.6
≥ 2000	67.2	78.1	79.8	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	84.2
≥ 1800	67.2	78.1	79.8	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	84.2
≥ 1500	67.2	78.7	80.3	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.7	84.7	85.2
≥ 1200	67.8	80.3	82.5	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9	86.9	87.4
≥ 1000	67.8	80.3	82.5	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9	86.9	87.4
≥ 900	67.8	80.9	83.6	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.0	88.0	88.5
≥ 800	67.8	80.9	83.6	85.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.5	88.5	89.1
≥ 700	67.8	80.9	84.2	86.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.2	90.2	90.7
≥ 600	67.8	80.9	84.2	87.4	90.7	90.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	93.4
≥ 500	67.8	80.9	84.2	87.4	90.7	90.7	91.8	92.9	92.9	92.9	92.9	92.9	92.9	93.4	93.4	94.0
≥ 400	67.8	80.9	84.2	87.4	91.3	91.3	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.5	94.5	95.1
≥ 300	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.6	95.6	96.2
≥ 200	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.6	95.6	96.2
≥ 100	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	98.4	98.4	98.9
≥ 0	67.8	80.9	84.2	87.4	91.3	91.3	93.4	95.1	95.1	95.1	95.1	95.1	95.1	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 183

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

04779
STATION

FLRT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

APR
MONTH

0600-0800
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.3	46.3	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.2	48.2	48.2	48.6
≥ 20000	49.2	52.7	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.5	54.5	54.5	54.9
≥ 18000	49.6	53.1	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.9	54.9	54.9	55.3
≥ 16000	49.6	53.1	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.9	54.9	54.9	55.3
≥ 14000	50.2	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.5	55.5	55.5	55.9
≥ 12000	53.1	56.7	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.6	58.6	58.6	59.0
≥ 10000	56.5	60.2	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	62.0	62.0	62.0	62.4
≥ 9000	56.9	60.5	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	62.4	62.4	62.4	62.9
≥ 8000	61.2	65.3	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3	67.3	67.3	67.7
≥ 7000	63.5	67.5	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	70.0	70.0	70.0	70.4
≥ 6000	64.5	68.8	69.6	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	71.4	71.4	71.4	71.8
≥ 5000	65.3	70.6	71.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.9	73.9	73.9	74.3
≥ 4500	66.7	72.0	73.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.3	75.3	75.3	75.7
≥ 4000	69.4	74.7	75.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	78.0	78.0	78.0	78.4
≥ 3500	70.0	76.1	77.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.6	79.6	79.6	80.0
≥ 3000	71.2	78.6	79.6	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.4	82.4	82.4	82.9
≥ 2500	72.2	80.7	81.2	82.4	83.3	83.9	84.1	84.1	84.1	84.3	84.3	84.3	85.1	85.1	85.1	85.5
≥ 2000	72.9	81.4	82.4	83.7	84.5	85.1	85.3	85.3	85.3	85.5	85.5	85.5	86.3	86.3	86.3	86.7
≥ 1800	73.1	81.6	82.7	83.9	84.7	85.3	85.5	85.5	85.5	85.7	85.7	85.7	86.5	86.5	86.5	86.9
≥ 1500	73.3	82.0	83.1	84.3	85.1	85.7	85.9	85.9	85.9	86.1	86.1	86.1	86.9	86.9	86.9	87.3
≥ 1200	73.3	82.2	83.3	84.5	85.3	85.9	86.3	86.3	86.3	86.5	86.5	86.5	87.3	87.3	87.3	87.7
≥ 1000	73.5	82.4	83.5	84.7	85.5	86.1	86.5	86.7	86.7	86.9	86.9	86.9	87.8	87.8	87.8	88.2
≥ 900	73.5	82.4	83.5	84.9	85.7	86.3	86.9	87.1	87.1	87.3	87.3	87.3	88.2	88.2	88.2	88.6
≥ 800	73.5	82.4	84.1	85.7	86.7	87.2	88.2	88.4	88.4	88.6	88.6	88.6	89.6	89.6	89.6	90.0
≥ 700	73.5	82.9	84.5	86.3	87.6	88.4	89.2	89.4	89.4	89.6	89.6	89.6	90.6	90.6	90.6	91.0
≥ 600	73.5	82.9	84.7	86.5	88.6	89.4	90.6	90.8	90.8	91.0	91.0	91.0	92.0	92.0	92.0	92.4
≥ 500	73.5	82.9	84.7	86.7	89.4	90.4	92.0	92.4	92.7	93.3	93.3	93.3	94.5	94.5	94.5	94.9
≥ 400	73.5	82.9	84.7	86.7	90.2	91.4	93.1	93.7	93.9	94.7	94.7	94.7	95.9	95.9	95.9	96.3
≥ 300	73.5	82.9	84.7	86.7	90.8	92.0	93.7	94.7	95.1	96.1	96.3	96.5	97.8	97.8	97.8	98.2
≥ 200	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.2	99.2	99.4	99.8
≥ 100	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.4	99.4	99.6	100.0
≥ 0	73.5	82.9	84.7	86.7	90.8	92.2	94.1	95.1	95.9	96.9	97.3	97.6	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

490

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

04779
STATION

FUPT DEVEAS AAF MASS
STATION NAME

61-63,74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.4	45.4
≥ 20000	48.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 18000	43.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 16000	48.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.0	51.0
≥ 14000	48.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.2	51.2
≥ 12000	50.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.4	53.4
≥ 10000	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7	56.7
≥ 9000	54.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.3	57.3
≥ 8000	58.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.7	61.7
≥ 7000	59.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.7	62.7
≥ 6000	60.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.7	63.7
≥ 5000	61.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.3	65.3
≥ 4500	62.9	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.2	66.2
≥ 4000	65.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.4	69.4
≥ 3500	69.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.2	73.2
≥ 3000	74.6	78.2	78.8	78.8	79.0	79.2	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	80.2	80.2
≥ 2500	77.6	82.3	83.3	83.3	83.5	83.7	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.7	84.7
≥ 2000	78.8	83.9	84.9	85.1	85.3	85.5	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.5	86.5
≥ 1800	79.0	84.1	85.1	85.3	85.5	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.7	86.7
≥ 1500	79.4	84.7	85.7	85.9	86.2	86.9	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	88.1	88.1
≥ 1200	79.8	85.1	86.1	86.3	86.7	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.9	88.9
≥ 1000	80.2	86.3	87.5	87.7	88.3	88.9	89.3	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.7	90.7
≥ 900	80.2	86.7	88.1	88.3	89.1	89.7	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.5	91.5
≥ 800	80.2	86.7	88.1	88.5	89.7	90.3	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	92.1	92.1
≥ 700	80.2	86.7	88.1	88.5	90.1	90.9	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.9	92.9
≥ 600	80.4	86.9	88.3	88.7	90.3	91.3	91.9	92.7	92.7	93.1	93.1	93.1	93.1	93.1	94.0	94.0
≥ 500	80.4	86.9	89.1	89.9	91.9	93.5	94.2	95.4	95.4	95.8	95.8	95.8	95.8	96.0	96.6	96.6
≥ 400	80.4	86.9	89.1	89.9	92.3	94.0	94.8	96.6	96.6	97.0	97.0	97.0	97.0	97.4	98.0	98.0
≥ 300	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.0	99.8	99.8
≥ 200	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0
≥ 100	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0
≥ 0	80.4	86.9	89.1	89.9	92.3	94.2	95.4	97.4	98.0	98.6	98.6	98.6	98.6	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

496

DATA PROCESSING DATA C-
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

21-63, 74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	37.1
≥ 20000	43.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.6
≥ 18000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8
≥ 16000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8
≥ 14000	43.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.4	44.8
≥ 12000	44.6	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.8
≥ 10000	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.9
≥ 9000	47.7	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.9
≥ 8000	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.8
≥ 7000	53.8	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	55.2
≥ 6000	54.8	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.4
≥ 5000	59.0	60.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.5
≥ 4500	60.6	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	63.1
≥ 4000	64.7	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	67.1
≥ 3500	72.6	74.2	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.9
≥ 3000	77.9	80.5	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	82.4
≥ 2500	81.5	85.0	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.4
≥ 2000	82.2	86.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.5
≥ 1800	82.2	86.4	88.4	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.7
≥ 1500	82.2	86.8	88.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	90.3
≥ 1200	82.4	87.0	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.7
≥ 1000	82.8	88.0	90.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.9
≥ 900	82.8	88.0	91.1	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.9
≥ 800	83.4	89.5	91.7	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.7
≥ 700	83.4	89.9	92.3	92.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.5
≥ 600	83.6	90.3	92.7	93.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.7
≥ 500	83.6	91.1	93.7	94.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.0	97.0	97.8
≥ 400	83.6	91.1	93.7	94.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.2	97.2	97.8
≥ 300	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.2	98.2	98.6
≥ 200	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.2	98.2	98.6
≥ 100	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.2	98.2	98.6
≥ 0	83.6	91.1	93.7	94.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	98.2	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS 493

DATA PROCESSING OFFICE
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVEREUX AAF MASS
STATION NAME

61-63,74-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	46.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	46.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 12000	47.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 10000	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	51.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	56.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	58.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 6000	60.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	65.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	68.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	74.1	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	78.5	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	80.3	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	82.4	85.3	86.0	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	83.3	87.9	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	85.3	87.9	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	83.3	88.5	88.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	83.3	88.5	88.7	89.3	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	83.5	88.7	88.9	89.5	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4
≥ 900	83.9	90.0	90.2	91.0	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9
≥ 800	83.9	90.4	91.0	92.1	92.9	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1
≥ 700	83.9	90.6	91.2	92.3	93.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0
≥ 600	83.5	90.6	91.2	92.3	93.5	95.2	95.4	95.6	95.6	95.8	95.8	95.8	95.8	96.0	96.0	96.0
≥ 500	83.9	91.2	91.8	92.9	94.4	96.2	96.4	97.1	97.1	97.5	97.7	97.7	97.7	97.9	97.9	97.9
≥ 400	83.9	91.2	91.8	92.9	94.6	96.7	96.9	97.5	97.5	98.3	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	83.9	91.2	91.8	93.1	94.8	97.1	97.3	98.1	98.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.2	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.3	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	83.9	91.2	91.8	93.1	95.0	97.3	97.5	98.3	98.3	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 479

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	53.3	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	54.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	54.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	54.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	56.1	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	58.4	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	59.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	62.8	65.1	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	66.6	68.9	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	67.4	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	72.4	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	73.8	77.3	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	77.0	81.4	82.0	82.3	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	78.5	83.1	83.7	84.0	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	78.8	83.4	84.0	84.3	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	79.4	84.3	84.9	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	79.7	85.2	85.8	86.3	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	79.7	85.2	86.0	87.2	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	80.2	86.3	87.5	89.2	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	80.2	86.3	87.5	89.2	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	80.2	86.6	88.1	90.4	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	80.2	87.8	89.2	91.9	92.4	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	80.5	88.1	89.8	92.4	93.0	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	80.5	88.1	89.8	92.4	93.0	93.9	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	80.5	88.1	90.1	92.7	93.6	95.1	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	80.5	88.1	90.1	93.0	95.3	97.1	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.5	88.4	90.4	93.6	96.2	98.3	98.8	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

344

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVERIS AAF MASS

51-63,76

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.6	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	54.2	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	57.0	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	63.7	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	66.9	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	67.3	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	70.1	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	70.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	72.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	73.7	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	73.7	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	74.1	81.3	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.5	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	74.1	81.7	82.5	82.9	83.3	83.7	83.7	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	74.1	81.7	82.5	82.9	83.3	83.7	83.7	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	74.1	82.1	82.9	83.3	84.1	84.5	84.5	84.5	84.5	84.9	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	74.1	82.9	84.1	84.5	85.3	86.5	86.5	86.5	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	74.1	82.9	85.7	86.5	87.3	88.4	88.4	88.4	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	74.1	83.3	86.5	87.3	88.0	89.2	89.2	89.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	74.1	84.1	87.6	88.8	89.6	91.2	91.2	91.2	91.2	91.6	92.0	92.4	92.4	92.4	92.4	92.4
≥ 700	74.1	84.1	88.0	89.2	90.4	92.0	92.0	92.0	92.0	92.4	92.8	93.2	93.2	93.2	93.2	93.2
≥ 600	74.1	84.1	88.0	89.2	90.4	92.4	92.4	92.4	92.4	92.8	93.2	93.6	93.6	93.6	93.6	93.6
≥ 500	74.1	84.1	88.0	89.6	91.2	93.6	93.6	93.6	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8
≥ 400	74.1	84.1	88.4	91.2	93.6	96.4	96.8	96.8	96.8	97.2	97.6	98.0	98.0	98.0	98.0	98.0
≥ 300	74.1	84.1	88.4	91.2	93.6	96.8	97.2	97.2	97.2	97.6	98.0	98.4	98.4	98.4	98.4	98.4
≥ 200	74.1	84.1	88.4	91.2	93.6	96.8	97.6	97.6	97.6	98.0	98.4	98.8	99.2	99.2	99.2	99.2
≥ 100	74.1	84.1	88.4	91.2	93.6	96.8	97.6	97.6	97.6	98.0	98.4	98.8	100.0	100.0	100.0	100.0
≥ 0	74.1	84.1	88.4	91.2	93.6	96.8	97.6	97.6	97.6	98.0	98.4	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 251

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	41.9	54.8	57.0	57.0	57.5	59.1	59.7	59.7	59.7	59.7	60.2	60.2	60.8	60.8	60.8	60.8
≥ 20000	47.8	61.8	64.0	64.0	64.5	66.1	66.7	66.7	66.7	66.7	67.2	67.2	67.7	67.7	67.7	67.7
≥ 18000	47.8	61.8	64.0	64.0	64.5	66.1	66.7	66.7	66.7	66.7	67.2	67.2	67.7	67.7	67.7	67.7
≥ 16000	47.8	61.8	64.0	64.0	64.5	66.1	66.7	66.7	66.7	66.7	67.2	67.2	67.7	67.7	67.7	67.7
≥ 14000	47.8	62.4	64.5	64.5	65.1	66.7	67.2	67.2	67.2	67.2	67.7	67.7	68.3	68.3	68.3	68.3
≥ 12000	48.4	62.9	65.1	65.1	65.6	67.2	67.7	67.7	67.7	67.7	68.3	68.3	68.8	68.8	68.8	68.8
≥ 10000	50.5	65.1	67.2	67.2	68.3	69.9	70.4	70.4	70.4	70.4	71.0	71.0	71.5	71.5	71.5	71.5
≥ 9000	50.5	65.6	67.7	67.7	68.8	70.4	71.0	71.0	71.0	71.0	71.5	71.5	72.0	72.0	72.0	72.0
≥ 8000	50.5	66.1	68.3	68.3	69.4	71.0	71.5	71.5	71.5	71.5	72.0	72.0	72.6	72.6	72.6	72.6
≥ 7000	52.7	68.8	71.0	71.0	72.0	73.7	74.2	74.2	74.2	74.2	74.7	74.7	75.3	75.3	75.3	75.3
≥ 6000	53.8	71.0	73.1	73.1	74.2	75.8	76.3	76.3	76.3	76.3	76.9	76.9	77.4	77.4	77.4	77.4
≥ 5000	54.3	71.5	73.7	73.7	74.7	76.3	76.9	76.9	76.9	76.9	77.4	77.4	78.0	78.0	78.0	78.0
≥ 4500	54.3	71.5	73.7	73.7	74.7	76.3	76.9	76.9	76.9	76.9	77.4	77.4	78.0	78.0	78.0	78.0
≥ 4000	55.9	74.2	76.3	76.3	77.4	79.0	79.6	79.6	79.6	79.6	80.1	80.1	80.6	80.6	80.6	80.6
≥ 3500	55.9	74.7	76.9	76.9	78.0	79.6	80.1	80.1	80.1	80.1	80.6	80.6	81.2	81.2	81.2	81.2
≥ 3000	55.9	74.7	76.9	76.9	78.0	79.6	80.1	80.1	80.1	80.1	80.6	80.6	81.2	81.2	81.2	81.2
≥ 2500	58.1	76.9	79.0	79.0	80.1	81.7	82.3	82.3	82.3	82.3	82.8	82.8	83.3	83.3	83.3	83.3
≥ 2000	58.1	77.4	80.6	80.6	81.7	83.3	83.9	83.9	83.9	83.9	84.4	84.4	84.9	84.9	84.9	84.9
≥ 1800	58.6	78.5	81.7	81.7	82.8	84.4	84.9	84.9	84.9	84.9	85.5	85.5	86.0	86.0	86.0	86.0
≥ 1500	59.1	79.0	82.8	82.8	83.9	85.5	86.0	86.0	86.0	86.0	86.6	86.6	87.1	87.1	87.1	87.1
≥ 1200	59.1	79.0	82.8	82.8	83.9	85.5	86.0	86.0	86.0	86.0	86.6	86.6	87.1	87.1	87.1	87.1
≥ 1000	59.1	79.0	82.8	82.8	84.4	86.0	86.6	86.6	86.6	86.6	87.1	87.1	87.6	87.6	87.6	87.6
≥ 900	59.1	79.0	82.8	82.8	84.4	86.6	87.1	87.1	87.1	87.1	87.6	87.6	88.2	88.2	88.2	88.2
≥ 800	59.1	79.0	82.8	82.8	84.4	86.6	87.1	87.1	87.1	87.1	87.6	87.6	88.2	88.2	88.2	88.2
≥ 700	59.1	79.6	83.3	83.3	85.5	87.6	88.2	88.2	88.2	88.2	88.7	88.7	89.2	89.2	89.2	89.2
≥ 600	59.1	79.6	83.3	83.3	85.5	87.6	88.7	88.7	88.7	88.7	89.2	89.2	89.8	89.8	89.8	89.8
≥ 500	59.1	79.6	85.5	85.5	88.7	91.4	92.5	92.5	92.5	92.5	93.0	93.0	93.5	93.5	93.5	93.5
≥ 400	59.1	79.6	86.0	86.0	90.9	94.6	95.7	95.7	95.7	95.7	96.2	96.2	96.8	96.8	96.8	96.8
≥ 300	59.1	79.6	86.0	86.0	90.9	96.8	97.8	97.8	97.8	97.8	98.4	98.4	98.9	98.9	98.9	98.9
≥ 200	59.1	79.6	86.0	86.0	90.9	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	99.5	99.5	99.5
≥ 100	59.1	79.6	86.0	86.0	90.9	96.8	97.8	97.8	97.8	97.8	98.4	98.4	100.0	100.0	100.0	100.0
≥ 0	59.1	79.6	86.0	86.0	90.9	96.8	97.8	97.8	97.8	97.8	98.4	98.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	47.9	48.7	50.0	50.9	51.7	52.1	52.6	52.6	52.6	54.3	54.3	56.4	56.4	56.4	56.8
≥ 20000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 18000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 16000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 14000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 12000	43.6	53.8	55.6	56.8	57.7	58.5	59.0	59.4	59.4	59.4	61.1	61.1	63.2	63.2	63.2	63.7
≥ 10000	47.0	57.3	59.4	60.7	61.5	62.4	62.8	63.2	63.2	63.2	65.0	65.0	67.1	67.1	67.1	67.5
≥ 9000	47.4	57.7	59.8	61.1	62.4	63.2	63.7	64.1	64.1	64.1	65.8	65.8	67.9	67.9	67.9	68.4
≥ 8000	48.3	58.5	60.7	62.0	63.2	64.1	65.0	65.4	65.4	65.4	67.1	67.1	69.2	69.2	69.2	69.7
≥ 7000	49.6	61.1	63.2	64.5	65.8	66.7	67.5	67.9	67.9	67.9	69.7	69.7	71.8	71.8	71.8	72.2
≥ 6000	49.6	61.5	63.7	65.0	66.7	67.5	68.4	68.8	68.8	68.8	70.5	70.5	72.6	72.6	72.6	73.1
≥ 5000	49.6	61.5	63.7	65.0	66.7	67.5	68.4	68.8	68.8	68.8	70.5	70.5	72.6	72.6	72.6	73.1
≥ 4500	50.0	62.0	64.1	65.4	67.1	67.9	68.8	69.2	69.2	69.2	70.9	70.9	73.1	73.1	73.1	73.5
≥ 4000	50.0	62.4	65.4	66.7	68.4	69.2	70.1	70.5	70.5	70.5	72.2	72.2	74.4	74.4	74.4	74.8
≥ 3500	50.9	63.7	66.7	67.9	69.7	70.5	71.4	71.8	71.8	71.8	73.5	73.5	75.6	75.6	75.6	76.1
≥ 3000	51.7	64.5	67.5	68.8	70.5	71.4	72.2	72.6	72.6	72.6	74.4	74.4	76.5	76.5	76.5	76.9
≥ 2500	52.6	66.7	69.7	70.9	72.6	73.5	74.4	74.8	74.8	74.8	76.5	76.5	78.6	78.6	78.6	79.1
≥ 2000	53.8	69.2	72.6	73.9	75.6	76.9	77.8	78.2	78.2	78.2	79.9	79.9	82.1	82.1	82.1	82.5
≥ 1800	53.8	69.2	72.6	73.9	75.6	76.9	77.8	78.2	78.2	78.2	79.9	79.9	82.1	82.1	82.1	82.5
≥ 1500	55.1	70.5	73.9	75.2	77.4	79.1	79.9	80.3	80.3	80.3	82.1	82.1	84.2	84.2	84.2	84.6
≥ 1200	55.1	70.5	73.9	75.2	77.8	79.5	80.3	80.8	80.8	80.8	82.5	82.5	84.6	84.6	84.6	85.0
≥ 1000	55.1	71.4	74.8	76.1	78.6	80.3	81.2	81.6	81.6	81.6	83.3	83.3	85.5	85.5	85.5	85.9
≥ 900	55.1	71.4	74.8	76.1	79.1	80.8	81.6	82.1	82.1	82.1	83.8	83.8	85.9	85.9	85.9	86.3
≥ 800	55.1	71.8	75.2	76.5	79.9	81.6	82.5	82.9	82.9	82.9	84.6	84.6	86.8	86.8	86.8	87.2
≥ 700	55.1	71.8	75.2	76.5	79.9	81.6	82.5	82.9	82.9	82.9	84.6	84.6	86.8	86.8	86.8	87.2
≥ 600	55.1	71.8	75.2	76.5	80.3	82.1	82.9	83.8	83.8	83.8	85.5	85.5	87.6	87.6	87.6	88.0
≥ 500	55.1	71.8	75.2	77.4	82.1	84.2	85.0	85.9	85.9	85.9	87.6	87.6	89.7	89.7	89.7	90.2
≥ 400	55.1	71.8	75.2	77.8	84.6	86.8	88.0	88.9	88.9	88.9	91.0	91.0	93.2	93.2	93.2	93.6
≥ 300	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	96.6	96.6	97.0
≥ 200	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	96.6	97.0	97.4
≥ 100	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	97.4	98.3	99.1
≥ 0	55.1	71.8	75.2	77.8	85.9	89.3	91.0	91.9	91.9	91.9	92.7	94.4	94.4	97.4	98.3	99.1

TOTAL NUMBER OF OBSERVATIONS

234

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

61-63, 74-76

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (E.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.8	45.7	46.7	47.2	47.6	48.2	49.0	49.2	49.4	49.8	49.8	49.8	50.0	50.0	50.0	50.0
≥ 20000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.7
≥ 18000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.7
≥ 16000	46.1	53.0	54.3	55.5	56.1	56.7	57.5	57.7	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.7
≥ 14000	46.7	53.5	54.9	56.1	56.7	57.3	58.1	58.3	58.5	58.9	58.9	58.9	59.3	59.3	59.3	59.3
≥ 12000	48.0	54.9	56.3	57.5	58.1	58.7	59.4	59.6	59.8	60.2	60.2	60.2	60.6	60.6	60.6	60.6
≥ 10000	50.2	57.7	59.3	60.6	61.4	62.2	63.0	63.2	63.4	63.8	63.8	63.8	64.2	64.2	64.2	64.2
≥ 9000	50.8	58.7	60.2	61.6	62.4	63.2	64.0	64.2	64.4	64.8	64.8	64.8	65.2	65.2	65.2	65.2
≥ 8000	53.9	62.6	64.2	65.7	66.5	67.3	68.3	68.5	68.7	69.1	69.1	69.1	69.5	69.5	69.5	69.5
≥ 7000	55.7	65.2	66.7	68.3	69.3	70.1	71.1	71.3	71.5	71.9	71.9	71.9	72.2	72.2	72.2	72.2
≥ 6000	56.1	65.7	67.3	68.9	69.9	70.7	71.7	71.9	72.0	72.6	72.6	72.6	73.0	73.0	73.0	73.0
≥ 5000	57.7	67.3	68.9	70.7	71.7	72.4	73.4	73.6	73.8	74.4	74.4	74.4	74.8	74.8	74.8	75.0
≥ 4500	58.9	68.5	70.1	71.9	72.8	73.6	74.6	74.8	75.0	75.6	75.6	75.6	76.0	76.0	76.0	76.0
≥ 4000	59.4	69.3	70.9	72.6	73.6	74.4	75.4	75.6	75.8	76.4	76.4	76.4	76.8	76.8	76.8	77.0
≥ 3500	59.4	69.3	71.1	72.8	73.8	74.6	75.6	75.8	76.0	76.6	76.6	76.6	77.0	77.0	77.0	77.0
≥ 3000	59.6	69.7	71.7	73.4	74.4	75.2	76.2	76.4	76.6	77.2	77.2	77.2	77.6	77.6	77.6	77.6
≥ 2500	60.8	72.4	74.6	76.4	77.4	78.1	79.1	79.3	79.5	80.1	80.1	80.1	80.5	80.5	80.5	80.5
≥ 2000	61.4	73.4	75.8	77.6	78.5	79.3	80.3	80.5	80.7	81.3	81.3	81.3	81.7	81.7	81.7	81.7
≥ 1800	61.4	73.4	75.8	77.6	78.5	79.3	80.3	80.5	80.7	81.3	81.3	81.3	81.7	81.7	81.7	81.7
≥ 1500	62.4	75.2	78.3	80.1	81.3	82.3	83.5	83.9	84.3	84.8	84.8	84.8	85.2	85.2	85.2	85.2
≥ 1200	63.0	76.0	79.5	81.3	82.9	83.9	85.0	85.4	85.8	86.4	86.4	86.4	86.8	86.8	86.8	87.0
≥ 1000	63.0	76.6	80.1	82.3	83.9	84.8	86.0	86.4	86.8	87.4	87.4	87.4	87.8	87.8	87.8	88.0
≥ 900	63.0	76.8	80.3	82.5	84.3	85.2	86.4	86.8	87.2	87.8	87.8	87.8	88.2	88.2	88.2	88.4
≥ 800	63.0	77.0	80.9	83.3	85.4	86.4	87.8	88.4	89.0	90.0	90.0	90.0	90.4	90.4	90.4	90.6
≥ 700	63.0	77.0	81.5	84.3	86.6	88.2	90.0	90.9	91.5	92.5	92.5	92.5	92.9	92.9	92.9	93.0
≥ 600	63.0	77.0	81.5	84.8	87.4	89.0	91.1	92.5	93.1	94.1	94.1	94.1	94.5	94.5	94.5	94.5
≥ 500	63.0	77.0	81.5	85.0	88.0	90.2	92.3	93.9	94.7	95.7	95.7	95.7	96.1	96.1	96.1	96.1
≥ 400	63.0	77.4	81.9	85.6	89.0	91.1	93.2	94.9	95.7	96.9	96.9	96.9	97.2	97.2	97.2	97.2
≥ 300	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	98.2	98.2	99.0	99.4	99.4	99.4
≥ 200	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	98.2	98.2	99.0	99.6	99.8	100.0
≥ 100	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	98.2	98.2	99.0	99.6	99.8	100.0
≥ 0	63.0	77.4	81.9	85.6	89.0	91.3	93.5	95.3	96.1	97.4	98.2	98.2	99.0	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	39.3	46.6	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	44.6	52.5	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	44.8	52.7	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	46.4	54.2	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	47.5	56.4	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	48.3	57.2	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	50.3	59.9	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	51.5	61.3	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	51.7	61.5	62.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	52.7	62.5	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	53.4	63.3	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4000	59.7	70.7	72.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	61.9	73.1	74.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	63.5	75.6	77.2	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	64.6	77.8	79.4	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	65.4	79.0	80.6	81.7	82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	65.6	79.2	80.7	81.9	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	66.6	81.3	83.7	85.1	85.7	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	67.2	82.3	85.3	86.6	87.4	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	67.2	82.9	87.0	88.8	89.6	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	67.2	83.5	87.6	89.4	90.4	91.4	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	67.2	83.5	88.0	89.8	91.7	92.7	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	67.2	84.3	89.6	91.4	93.5	94.9	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	67.2	84.3	89.8	91.7	94.1	95.5	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	67.2	84.3	89.8	91.7	94.3	95.7	97.2	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	67.2	84.3	89.8	91.7	94.5	95.9	97.4	98.8	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

509

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	43.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	43.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	43.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	43.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	45.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	48.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	48.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	50.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	51.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	52.7	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	55.1	65.2	65.2	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	56.5	66.6	66.6	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	64.6	75.1	75.1	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	66.8	78.1	78.1	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000	69.8	81.9	82.3	82.3	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	71.0	84.1	84.5	84.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	71.8	85.5	85.9	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	71.8	85.5	85.9	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	72.2	86.3	86.7	86.9	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	72.8	87.5	88.3	88.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	73.2	88.9	89.7	90.3	91.3	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	73.2	89.7	90.5	91.5	92.4	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	73.2	89.9	90.7	91.8	93.2	93.4	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	73.2	90.5	91.5	93.0	94.8	95.0	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	73.2	90.5	91.5	93.0	94.8	95.4	96.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	73.2	90.9	91.8	93.4	95.6	96.4	97.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.2	90.9	91.8	93.4	95.8	96.6	97.4	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 503

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	35.6	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	43.0	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	43.0	51.3	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	43.0	51.3	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	43.4	51.7	52.1	52.1	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	44.8	53.1	53.5	53.5	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	48.9	57.6	58.0	58.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	49.1	57.8	58.2	58.2	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	52.3	61.0	61.4	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	53.7	62.8	63.2	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	54.7	63.8	64.2	64.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	57.8	67.7	68.3	68.3	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	60.0	69.9	70.5	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	67.5	78.0	78.6	78.6	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	68.7	79.4	80.4	80.6	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	71.7	84.4	85.7	85.9	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	72.5	85.7	86.9	87.1	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	73.1	86.3	87.5	87.7	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	73.3	86.5	87.7	87.9	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	73.5	86.7	87.9	88.1	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	74.5	88.5	90.1	90.5	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	74.7	89.7	91.5	91.9	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	74.7	90.1	92.1	92.5	93.3	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	74.7	90.1	92.3	92.7	93.7	94.3	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	74.7	90.5	92.9	93.3	94.3	95.2	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	74.7	90.9	93.3	93.7	94.9	96.0	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	74.7	90.9	93.3	93.7	95.2	96.4	97.4	98.4	98.6	98.8	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	74.7	90.9	93.3	93.7	95.2	96.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

495

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.0	46.6	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	50.1	54.0	55.8	55.8	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	50.4	54.3	56.1	56.1	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	50.4	54.3	56.4	56.4	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	51.6	55.5	57.6	57.6	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	54.3	58.2	60.2	60.2	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	56.7	60.8	62.9	63.2	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	57.0	61.1	63.2	63.5	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	60.8	65.0	67.1	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	61.7	66.2	68.2	68.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	63.8	68.2	70.3	70.9	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	65.0	69.4	71.8	72.4	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8
≥ 4500	66.2	70.6	73.0	73.6	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0
≥ 4000	68.8	74.8	77.2	77.7	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1
≥ 3500	70.0	76.3	78.6	79.5	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.2
≥ 3000	72.1	80.4	82.8	83.7	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4
≥ 2500	73.0	81.3	83.7	84.6	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.2
≥ 2000	73.9	82.2	84.6	85.5	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1
≥ 1800	73.9	82.2	84.6	85.5	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1
≥ 1500	74.5	82.8	85.8	86.6	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6
≥ 1200	75.1	84.6	87.5	88.4	89.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7
≥ 1000	75.7	85.5	88.4	89.3	90.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6
≥ 900	75.7	85.5	88.7	89.9	91.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2
≥ 800	75.7	85.5	89.6	91.1	92.6	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4	94.4
≥ 700	76.0	86.4	90.5	92.0	93.5	94.7	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.5	95.5
≥ 600	76.0	86.6	90.8	92.3	93.8	95.0	95.0	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.8	95.8
≥ 500	76.0	86.6	90.8	92.3	93.8	95.5	95.5	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.3	97.3
≥ 400	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.5	98.8	99.1	99.1
≥ 300	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.5	98.8	99.1	99.1
≥ 200	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4	100.0
≥ 100	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4	100.0
≥ 0	76.0	86.6	90.8	92.3	93.8	95.5	96.1	97.3	97.3	98.2	98.5	98.5	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 337

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FQRT DEVENS AAF MASS
STATION NAME

61-63
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.1	55.6	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	51.7	60.3	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	54.7	63.8	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	56.0	65.1	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	56.9	66.8	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	59.9	69.8	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	61.2	71.1	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	62.5	72.4	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	63.4	74.6	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	63.4	74.6	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	63.8	75.4	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	63.8	75.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	64.7	77.2	80.2	80.2	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	66.4	79.3	82.8	82.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	66.8	80.6	84.9	85.3	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	66.8	80.6	85.3	85.8	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	68.1	81.9	86.6	87.1	87.5	87.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	69.0	83.6	88.4	88.8	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	69.0	83.6	88.4	88.8	89.7	90.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	69.0	84.1	88.8	89.2	90.1	90.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	69.0	84.5	90.1	90.5	91.4	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	69.0	84.9	90.9	91.8	92.7	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	69.0	85.8	91.8	93.1	94.4	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1
≥ 100	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1
≥ 0	69.0	85.8	91.8	93.1	94.4	95.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 232

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.8	55.6	57.2	57.8	57.8	58.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 20000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 18000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 16000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 14000	45.0	57.8	59.4	60.0	60.0	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
≥ 12000	45.0	58.9	60.6	61.1	61.1	61.7	61.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.3
≥ 10000	48.9	63.3	65.0	65.6	65.6	66.1	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.8
≥ 9000	48.9	63.9	65.6	66.1	66.1	66.7	66.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.3
≥ 8000	50.0	65.6	67.2	67.8	67.8	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.0
≥ 7000	50.0	65.6	67.2	67.8	67.8	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.0
≥ 6000	50.0	66.1	67.8	68.3	68.3	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.6
≥ 5000	50.0	67.2	68.9	69.4	69.4	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.7
≥ 4500	50.0	67.8	69.4	70.0	70.0	70.6	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.2
≥ 4000	50.0	69.4	71.1	71.7	71.7	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
≥ 3500	50.0	70.0	71.7	72.2	72.2	72.8	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.4
≥ 3000	50.6	72.8	74.4	75.0	75.0	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.2
≥ 2500	50.6	74.4	76.7	77.2	77.8	78.3	78.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 2000	50.6	75.0	77.2	77.8	79.4	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.7
≥ 1800	50.6	75.0	77.2	78.3	80.0	80.6	80.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.2
≥ 1500	50.6	75.0	77.8	80.0	81.7	82.2	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.9
≥ 1200	50.6	76.7	79.4	81.7	83.3	83.9	83.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6
≥ 1000	50.6	77.2	80.0	82.8	84.4	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2
≥ 900	50.6	77.2	80.0	82.8	84.4	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2
≥ 800	50.6	77.2	80.6	83.3	85.0	85.6	85.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.8
≥ 700	50.6	77.2	80.6	84.4	86.7	88.3	88.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.6
≥ 600	50.6	77.2	81.1	85.6	89.4	91.7	91.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	95.0
≥ 500	50.6	77.2	81.1	85.6	90.0	92.2	93.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.7
≥ 400	50.6	77.2	81.1	85.6	90.0	92.2	93.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.2
≥ 300	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.8
≥ 200	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.3
≥ 100	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.3
≥ 0	50.6	77.2	81.1	85.6	90.0	92.2	93.9	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

180

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING IV 20000	34.8 37.0	49.6 53.0	53.9 57.8	53.9 57.8	55.7 59.6	56.5 60.4	57.0 60.9	57.4 61.7	57.4 61.7	58.3 62.6	58.3 62.6	58.3 62.6	58.3 62.6	58.7 63.0	58.7 63.0	59.1 63.5
IV 18000 IV 16000	37.0 37.0	53.0 53.0	57.8 57.8	57.8 57.8	59.6 59.6	60.4 60.4	60.9 60.9	61.7 61.7	61.7 61.7	62.6 62.6	62.6 62.6	62.6 62.6	62.6 62.6	63.0 63.0	63.0 63.0	63.5 63.5
IV 14000 IV 12000	37.0 37.8	53.0 54.3	57.8 59.1	57.8 59.1	59.6 60.9	60.4 61.7	60.9 62.6	61.7 63.5	61.7 63.5	62.6 64.3	62.6 64.3	62.6 64.3	62.6 64.3	63.0 64.8	63.0 64.8	63.5 65.2
IV 10000 IV 9000	40.9 40.9	59.1 59.1	64.3 64.8	64.8 65.2	66.5 67.0	67.4 67.8	68.3 68.7	69.1 69.6	69.1 69.6	70.0 70.4	70.0 70.4	70.0 70.4	70.0 70.4	70.9 71.3	70.9 71.3	71.3 71.7
IV 8000 IV 7000	40.9 41.3	60.9 62.2	66.5 68.3	67.4 69.1	69.1 70.9	70.0 71.7	70.9 72.6	71.7 73.5	71.7 73.5	72.6 74.3	72.6 74.3	72.6 74.3	72.6 74.3	73.5 75.2	73.5 75.2	73.9 75.7
IV 6000 IV 5000	41.3 41.7	62.2 63.9	68.7 70.4	69.6 71.3	71.3 73.0	72.2 73.9	73.0 74.8	73.9 75.7	73.9 75.7	74.8 76.5	74.8 76.5	74.8 76.5	74.8 76.5	75.7 77.4	75.7 77.4	76.1 77.8
IV 4500 IV 4000	41.7 41.7	63.9 64.8	70.4 71.3	71.3 72.2	73.0 73.9	73.9 74.8	74.8 76.1	75.7 77.0	75.7 77.0	76.5 77.8	76.5 77.8	76.5 77.8	76.5 77.8	77.4 78.7	77.4 78.7	77.8 79.1
IV 3500 IV 3000	42.2 43.0	65.2 67.0	71.7 73.5	72.6 74.3	74.3 76.1	75.2 77.0	76.5 78.3	77.4 79.1	77.4 79.1	78.3 80.0	78.3 80.0	78.3 80.0	78.3 80.0	79.1 80.9	79.1 80.9	79.6 81.3
IV 2500 IV 2000	43.0 43.0	67.0 67.0	73.5 73.5	74.3 74.8	76.1 76.5	77.0 77.4	78.3 78.7	79.1 80.0	79.1 80.0	80.0 80.9	80.0 80.9	80.0 80.9	80.0 80.9	80.9 81.7	80.9 81.7	81.3 82.2
IV 1800 IV 1500	43.0 43.0	67.0 67.4	73.5 73.9	75.2 75.7	77.0 77.8	77.8 78.7	79.1 80.0	80.4 81.3	80.4 81.3	81.3 82.2	81.3 82.2	81.3 82.2	81.3 82.2	82.2 83.0	82.2 83.0	82.6 83.5
IV 1200 IV 1000	43.0 43.5	69.1 69.6	75.7 76.1	77.4 77.8	79.6 80.4	80.4 81.3	81.7 82.5	83.0 84.8	83.0 84.8	83.9 85.7	83.9 85.7	83.9 85.7	83.9 85.7	84.8 86.5	84.8 86.5	85.2 87.0
IV 900 IV 800	43.5 43.9	69.6 70.0	76.1 77.0	77.8 79.1	80.9 82.2	81.7 83.0	83.9 85.2	85.2 86.5	85.2 86.5	86.1 87.4	86.1 87.4	86.1 87.4	86.1 87.4	87.0 88.3	87.0 88.3	87.4 88.7
IV 700 IV 600	44.3 44.3	71.7 72.2	78.7 79.6	80.9 82.6	83.9 86.1	84.8 87.0	87.0 89.1	88.3 90.4	88.3 90.4	89.1 91.3	89.1 91.3	89.1 91.3	89.1 91.3	90.0 92.2	90.0 92.2	90.4 92.6
IV 500 IV 400	44.3 44.3	72.2 72.2	79.6 79.6	83.0 83.0	87.0 87.0	87.8 87.8	90.4 90.9	92.2 92.6	92.2 93.0	93.5 94.8	93.5 94.8	93.5 95.2	93.5 95.7	94.3 96.5	94.3 96.5	94.8 97.0
IV 300 IV 200	44.3 44.3	72.2 72.2	79.6 79.6	83.0 83.0	87.4 87.4	88.3 88.3	91.3 91.3	93.0 93.5	93.5 93.9	95.2 96.1	95.7 96.5	96.5 97.4	97.0 97.8	97.8 98.7	97.8 98.7	98.3 99.1
IV 100 IV 0	44.3 44.3	72.2 72.2	79.6 79.6	83.0 83.0	87.4 87.4	88.3 88.3	91.3 91.3	93.5 93.5	93.9 93.9	96.1 96.1	96.5 96.5	97.4 97.4	97.8 97.8	98.7 98.7	98.7 98.7	99.1 100.0

TOTAL NUMBER OF OBSERVATIONS

230

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	33.1	44.4	46.8	48.0	49.7	49.9	50.1	50.7	50.7	50.7	50.7	50.7	51.1	51.3	51.5	51.5
≥ 20000	36.5	49.7	52.4	53.6	55.6	55.8	55.9	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.5	57.5
IV 18000	36.5	49.7	52.4	53.6	55.6	55.8	55.9	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.5	57.5
IV 16000	36.5	49.7	52.4	53.6	55.6	55.8	55.9	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.5	57.5
IV 14000	37.0	50.3	53.0	54.2	56.1	56.3	56.5	57.1	57.1	57.1	57.1	57.1	57.5	57.7	58.1	58.1
IV 12000	38.6	52.2	55.4	56.5	58.7	58.9	59.1	59.6	59.6	59.6	59.6	59.6	60.0	60.2	60.6	60.6
IV 10000	41.5	56.7	60.4	62.2	64.5	65.3	65.5	66.1	66.1	66.1	66.1	66.1	66.5	66.7	67.1	67.1
IV 9000	42.1	57.3	61.2	63.0	65.3	66.1	66.3	66.9	66.9	66.9	66.9	66.9	67.3	67.4	67.8	67.8
IV 8000	43.7	59.6	64.1	66.3	68.6	69.4	69.6	70.2	70.2	70.2	70.2	70.2	70.6	70.8	71.2	71.2
IV 7000	44.6	61.0	65.7	67.8	70.2	71.0	71.2	71.7	71.7	71.7	71.7	71.7	72.1	72.3	72.7	72.7
IV 6000	44.8	61.8	66.5	68.6	71.0	71.7	71.9	72.5	72.5	72.5	72.5	72.5	72.9	73.1	73.5	73.5
IV 5000	45.6	64.1	69.0	71.2	73.5	74.3	74.5	75.0	75.0	75.0	75.0	75.0	75.4	75.6	76.0	76.0
IV 4500	45.6	64.1	69.0	71.2	73.5	74.3	74.5	75.0	75.0	75.0	75.0	75.0	75.4	75.6	76.0	76.0
IV 4000	45.8	64.5	69.6	71.7	74.1	74.9	75.0	75.6	75.6	75.6	75.6	75.6	76.0	76.2	76.6	76.6
IV 3500	46.2	64.9	70.0	72.1	74.5	75.2	75.4	76.0	76.0	76.0	76.0	76.0	76.4	76.6	77.0	77.0
IV 3000	47.0	66.9	72.3	74.9	77.4	78.2	78.4	78.9	78.9	78.9	78.9	78.9	79.3	79.5	79.9	79.9
IV 2500	47.2	68.0	73.5	76.0	78.6	79.3	79.5	80.1	80.1	80.1	80.1	80.1	80.5	80.7	81.1	81.1
IV 2000	47.2	70.0	75.6	78.2	80.7	81.5	81.9	82.5	82.5	82.5	82.5	82.5	82.9	83.1	83.5	83.5
IV 1800	47.2	70.0	75.6	78.2	80.7	81.5	81.9	82.5	82.5	82.5	82.5	82.5	82.9	83.1	83.5	83.5
IV 1500	47.2	71.5	77.8	80.5	83.6	84.6	85.0	85.8	85.8	86.2	86.2	86.2	86.5	86.7	87.1	87.1
IV 1200	47.6	72.5	78.8	81.5	84.8	85.8	86.2	86.9	86.9	87.5	87.5	87.5	87.9	88.1	88.5	88.5
IV 1000	48.1	73.3	79.7	83.0	86.5	87.5	87.9	88.7	88.7	89.3	89.3	89.3	89.7	89.9	90.3	90.3
IV 900	48.1	73.7	80.1	83.6	87.1	88.1	88.5	89.3	89.3	89.9	89.9	89.9	90.3	90.4	90.8	90.8
IV 800	48.3	74.5	80.9	84.4	88.9	89.9	90.4	91.2	91.2	91.8	91.8	91.8	92.2	92.4	92.8	92.8
IV 700	48.3	75.0	81.9	85.4	90.1	91.2	91.8	92.8	92.8	93.4	93.4	93.4	93.8	94.0	94.3	94.3
IV 600	48.3	75.2	82.1	85.6	90.4	91.6	93.0	94.3	94.3	94.9	94.9	94.9	95.3	95.5	95.9	95.9
IV 500	48.3	75.4	82.5	86.0	90.8	92.0	93.8	95.5	95.5	96.5	96.7	96.7	97.5	97.7	98.1	98.1
IV 400	48.3	75.6	82.7	86.4	91.2	92.4	94.2	95.9	95.9	97.3	97.7	98.1	98.8	99.0	99.4	99.4
IV 300	48.3	75.6	82.7	86.4	91.4	92.6	94.3	96.3	96.3	97.7	98.2	98.6	99.4	99.6	100.0	100.0
IV 200	48.3	75.6	82.7	86.4	91.4	92.6	94.3	96.3	96.3	97.7	98.2	98.6	99.4	99.6	100.0	100.0
IV 100	48.3	75.6	82.7	86.4	91.4	92.6	94.3	96.3	96.3	97.7	98.2	98.6	99.4	99.6	100.0	100.0
IV 0	48.3	75.6	82.7	86.4	91.4	92.6	94.3	96.3	96.3	97.7	98.2	98.6	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.4	46.8	48.9	49.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.9	50.9	50.9
≥ 20000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.9	57.9	57.9
> 18000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.9	57.9	57.9
≥ 16000	42.1	53.8	55.9	56.1	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.9	57.9	57.9
≥ 14000	42.3	54.0	56.1	56.3	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	58.1	58.1	58.1
≥ 12000	43.5	55.9	58.1	58.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	60.0	60.0	60.0
≥ 10000	45.8	60.2	62.6	62.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.5	64.5	64.5
≥ 9000	46.0	60.8	63.2	63.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	65.1	65.1	65.1
≥ 8000	47.2	63.5	65.9	66.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	68.0	68.0	68.0
≥ 7000	48.5	64.9	67.3	67.6	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.4	69.4	69.4
≥ 6000	48.5	65.3	67.8	68.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	70.0	70.0	70.0
≥ 5000	48.7	66.5	69.2	69.6	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.3	71.3	71.3
≥ 4500	49.1	66.9	69.6	70.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.7	71.7	71.7
≥ 4000	50.5	68.6	71.3	71.9	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.7	73.7	73.7
≥ 3500	51.7	70.2	72.9	73.5	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	75.2	75.2	75.2
≥ 3000	55.0	75.4	78.2	78.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.5	80.5	80.5
≥ 2500	56.3	78.4	81.3	81.9	83.0	83.0	83.4	83.4	83.4	83.6	83.6	83.6	83.6	84.0	84.0	84.0
≥ 2000	57.3	81.7	84.8	85.4	86.5	86.5	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.5	87.5	87.5
≥ 1800	57.5	81.9	85.0	85.6	86.7	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.7	87.7	87.7
≥ 1500	57.7	84.0	88.1	88.7	89.9	90.1	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.4	91.4	91.4
≥ 1200	58.1	85.2	89.7	90.6	92.0	92.2	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.6	93.6	93.6
≥ 1000	58.1	86.4	91.0	92.2	93.8	94.0	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.3	95.3	95.3
≥ 900	58.3	87.1	92.0	93.4	94.9	95.1	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.5	96.5	96.5
≥ 800	58.5	87.7	93.4	94.7	96.7	96.9	97.7	97.7	97.7	97.9	97.9	97.9	97.9	98.2	98.2	98.2
≥ 700	58.5	88.1	93.8	95.1	97.1	97.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	99.0	99.0	99.0
≥ 600	58.5	88.1	93.8	95.1	97.3	97.7	98.6	98.6	98.6	98.8	98.8	98.8	98.8	99.2	99.2	99.2
≥ 500	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 400	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 300	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 200	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 100	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0
≥ 0	58.5	88.3	94.0	95.3	97.7	98.1	99.0	99.2	99.2	99.4	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.3	45.2	45.6	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.9	46.9
≥ 20000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 18000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 16000	42.6	53.6	54.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.8	55.8
IV 14000	43.0	54.0	54.8	54.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.2	56.2
IV 12000	44.2	55.2	56.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.4	57.4
IV 10000	45.4	57.2	58.2	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.6	59.6
IV 9000	45.6	57.8	59.2	59.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.6	60.6
IV 8000	46.9	60.0	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.7	62.7
IV 7000	48.1	61.5	63.1	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.5	64.5
IV 6000	48.5	62.1	63.7	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.1	65.1
IV 5000	48.5	63.1	64.7	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	66.1	66.1
IV 4500	49.5	64.1	65.7	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	67.1	67.1
IV 4000	53.5	68.8	70.4	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	72.0	72.0
IV 3500	55.0	72.2	73.8	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.3	75.3
IV 3000	59.0	79.3	81.5	81.7	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.2	83.2
IV 2500	61.9	84.2	86.4	86.8	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.6	88.6
IV 2000	62.3	85.8	88.0	89.2	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.3	91.3
IV 1800	62.3	85.8	88.4	89.5	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.7	91.7
IV 1500	62.7	87.6	90.5	91.7	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.9	93.9
IV 1200	62.9	88.6	92.3	93.7	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.4	96.4
IV 1000	63.1	89.9	93.9	95.1	96.6	97.4	97.4	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.2	98.2
IV 900	63.1	90.1	94.3	95.5	97.0	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.6	98.6
IV 800	63.3	90.3	94.7	95.9	97.4	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.8	98.8	99.0	99.0
IV 700	63.5	90.5	94.9	96.1	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
IV 600	63.5	90.5	94.9	96.1	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
IV 500	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 400	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 300	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 200	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 100	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
IV 0	63.5	90.7	95.3	96.4	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.6 43.9	46.2 56.5	47.6 58.1	48.0 58.7	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1	48.5 59.1
IV ≥ 18000 IV ≥ 16000	43.9 43.9	56.5 56.5	58.1 58.1	58.7 58.7	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1	59.1 59.1
IV ≥ 14000 IV ≥ 12000	44.8 46.0	57.3 58.5	58.9 60.2	59.5 61.2	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6	60.0 61.6
IV ≥ 10000 IV ≥ 9000	48.9 49.7	62.4 63.2	64.1 65.5	65.1 66.5	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9	65.5 66.9
IV ≥ 8000 IV ≥ 7000	51.7 53.0	66.5 67.8	68.8 70.2	69.8 71.3	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7	70.2 71.7
IV ≥ 6000 IV ≥ 5000	53.4 54.4	68.2 70.4	70.6 72.9	71.7 73.9	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3	72.1 74.3
IV ≥ 4500 IV ≥ 4000	55.4 58.5	71.7 75.2	74.1 77.6	75.2 78.6	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1
IV ≥ 3500 IV ≥ 3000	60.0 62.6	77.6 82.1	80.1 84.8	81.1 85.8	81.7 86.7	81.7 86.9	81.7 86.9	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1	81.7 87.1
IV ≥ 2500 IV ≥ 2000	64.3 64.5	85.2 87.3	87.9 89.9	88.9 91.0	89.7 91.8	89.9 92.2	89.9 92.2	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6	90.1 92.6
IV ≥ 1800 IV ≥ 1500	64.5 65.1	87.5 88.9	90.6 92.4	91.8 93.6	92.8 94.7	93.2 95.3	93.2 95.5	93.6 95.9	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1
IV ≥ 1200 IV ≥ 1000	65.3 65.7	89.3 89.7	93.2 93.6	94.7 95.1	95.7 96.1	96.3 96.7	96.5 97.1	96.9 97.5	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7
IV ≥ 900 IV ≥ 800	65.7 65.7	89.7 89.7	93.6 93.6	95.1 95.5	96.3 96.7	96.9 97.3	97.3 97.7	97.7 98.2	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4
IV ≥ 700 IV ≥ 600	65.7 65.7	90.3 90.3	94.3 94.3	96.1 96.1	97.3 97.3	97.9 97.9	98.6 98.6	99.0 99.0	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2	99.2 99.2
IV ≥ 500 IV ≥ 400	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 300 IV ≥ 200	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 100 IV ≥ 0	65.7 65.7	90.3 90.3	94.7 94.7	96.5 96.5	97.7 97.7	98.4 98.4	99.0 99.0	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 487

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.8	50.4	51.8	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0
≥ 20000	52.1	63.2	64.8	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3
≥ 18000	52.1	63.2	64.8	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3
IV 14000	53.5	64.5	66.2	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
IV 12000	54.6	65.7	67.3	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1
IV 10000	55.7	69.0	70.6	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4
IV 9000	56.8	70.6	72.3	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3
IV 8000	57.1	71.7	73.7	75.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7
IV 7000	59.3	74.0	76.2	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5
IV 6000	60.7	75.9	78.1	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4
IV 5000	62.0	77.6	80.1	82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4
IV 4500	62.3	77.8	80.3	82.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7
IV 4000	65.4	81.4	83.9	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8
IV 3500	65.4	81.7	84.2	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1
IV 3000	66.5	84.5	87.3	90.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7
IV 2500	67.9	86.1	88.9	92.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9
IV 2000	68.1	87.0	89.8	92.8	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7
IV 1800	68.1	87.0	89.8	92.8	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7
IV 1500	68.4	87.5	90.6	93.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6
IV 1200	68.4	87.5	90.6	94.2	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4
IV 1000	68.4	87.5	90.6	94.5	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5
IV 900	68.4	87.8	90.9	95.0	97.2	97.5	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1
IV 800	68.4	87.8	90.9	95.3	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6
IV 700	68.4	87.8	90.9	95.3	97.8	98.1	98.3	98.6	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4
IV 600	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 500	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 400	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 300	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 200	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 100	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 0	68.4	87.8	90.9	95.3	98.1	98.6	98.9	99.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 361

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.8	54.7	59.3	60.5	61.3	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	47.3	60.9	65.4	66.7	67.5	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	47.7	61.7	66.3	67.5	68.3	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	47.7	61.7	66.3	67.5	68.3	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	49.8	63.8	71.6	73.7	74.9	74.9	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	51.0	67.1	72.8	74.9	76.1	76.1	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	51.4	67.9	74.1	76.1	77.4	77.4	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	51.8	68.3	74.5	76.5	77.8	77.8	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	53.1	70.4	76.5	78.6	79.8	79.8	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	53.1	70.8	77.0	79.0	80.2	80.2	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	53.9	70.8	77.0	79.0	80.2	80.2	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	55.1	72.8	79.0	81.5	83.5	83.5	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	55.6	73.3	79.4	81.9	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	55.6	74.9	81.9	84.4	86.4	86.4	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	56.0	75.7	82.7	85.2	87.7	87.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	56.0	76.1	83.1	85.6	88.9	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	56.4	77.0	84.0	86.4	89.7	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	56.4	77.4	84.4	86.8	90.1	90.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	56.4	77.8	84.8	87.2	90.9	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	56.4	77.8	84.8	87.2	91.8	93.0	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	56.4	77.8	84.8	87.7	93.0	94.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	56.4	77.8	84.8	87.7	93.0	95.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	56.4	77.8	84.8	87.7	94.2	96.3	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	56.4	77.8	84.8	87.7	94.2	96.3	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.4	77.8	84.8	87.7	94.2	96.3	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

243

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

62-63
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	35.5	58.1	67.2	67.2	67.7	69.4	71.0	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	37.1	60.8	69.9	69.9	71.0	72.6	74.2	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	38.2	62.4	71.5	71.5	72.6	74.2	75.8	76.3	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	38.7	64.0	73.1	73.1	74.2	75.8	77.4	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	38.7	64.0	73.1	73.1	74.2	75.8	77.4	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	41.9	68.8	78.0	78.0	79.0	80.6	82.3	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	43.5	72.0	81.2	81.2	82.3	83.9	85.5	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	45.2	74.2	83.3	83.3	84.4	86.0	87.6	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	45.7	75.3	84.9	84.9	86.0	87.6	89.2	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	45.7	75.3	84.9	84.9	86.0	87.6	89.2	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	45.7	75.3	84.9	85.5	86.6	88.2	89.8	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	45.7	75.3	84.9	85.5	86.6	88.2	89.8	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	45.7	75.8	85.5	86.0	87.1	88.7	90.3	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	45.7	76.3	86.0	86.6	87.6	89.2	90.9	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	45.7	76.9	86.6	87.1	88.2	89.8	91.4	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	45.7	76.9	86.6	87.1	88.2	89.8	91.4	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	45.7	77.4	87.6	88.2	89.2	90.9	92.5	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	45.7	78.0	88.2	88.7	89.8	91.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	45.7	78.0	88.2	88.7	89.8	91.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	45.7	78.5	88.7	89.2	90.3	91.9	93.5	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	45.7	78.5	88.7	90.3	91.4	93.0	94.6	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	45.7	79.0	89.2	91.9	93.0	94.6	96.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	45.7	79.0	89.2	92.5	93.5	95.2	97.3	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.7	79.0	89.2	92.5	93.5	95.7	97.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-62,76

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	30.5	46.4	49.4	51.1	52.4	54.1	55.4	57.1	57.1	57.9	58.4	58.4	58.4	58.4	59.2	59.2
≥ 20000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 18000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 16000	33.9	51.9	54.9	56.7	57.9	60.1	61.4	63.1	63.1	63.9	64.4	64.4	64.4	64.4	65.2	65.7
≥ 14000	33.9	52.4	55.4	57.1	58.4	60.5	61.8	63.5	63.5	64.4	64.8	64.8	64.8	64.8	65.7	66.1
≥ 12000	34.3	53.2	56.2	57.9	59.2	61.4	62.7	64.4	64.4	65.2	65.7	65.7	65.7	65.7	66.5	67.0
≥ 10000	35.2	54.1	58.8	61.4	63.1	65.7	67.0	69.1	69.1	70.0	70.4	70.4	70.8	70.8	72.1	72.5
≥ 9000	35.2	54.1	58.8	61.4	63.1	65.7	67.0	69.1	69.1	70.0	70.4	70.4	70.8	70.8	72.1	72.5
≥ 8000	36.1	55.8	60.5	63.1	64.8	67.4	69.1	71.2	71.2	72.1	72.5	72.5	73.0	73.0	74.2	74.7
≥ 7000	39.1	59.2	63.9	66.5	68.2	70.8	72.5	74.7	74.7	75.5	76.0	76.0	76.4	76.4	77.7	78.1
≥ 6000	39.9	60.9	66.1	68.7	70.4	73.0	74.7	76.8	76.8	77.7	78.1	78.1	78.5	78.5	79.8	80.3
≥ 5000	40.8	61.8	67.0	69.5	71.2	73.8	75.5	77.7	77.7	78.5	79.0	79.0	79.4	79.4	80.7	81.1
≥ 4500	40.8	61.8	67.0	70.0	71.7	74.2	76.0	78.1	78.1	79.0	79.4	79.4	79.8	79.8	81.1	81.5
≥ 4000	42.1	63.1	68.7	72.1	73.8	76.4	78.1	80.3	80.3	81.1	81.5	81.5	82.0	82.0	83.3	83.7
≥ 3500	42.1	63.1	68.7	72.1	73.8	76.4	78.1	80.3	80.3	81.1	81.5	81.5	82.0	82.0	83.3	83.7
≥ 3000	42.1	63.5	69.5	73.0	74.7	77.3	79.0	81.1	81.1	82.0	82.4	82.4	82.8	82.8	84.1	84.5
≥ 2500	42.1	63.5	69.5	73.4	75.5	78.1	79.8	82.4	82.4	83.3	83.7	83.7	84.1	84.1	85.4	85.8
≥ 2000	42.9	64.8	70.8	74.7	76.8	79.4	81.1	83.7	83.7	84.5	85.0	85.0	85.4	85.4	86.7	87.1
≥ 1800	42.9	64.8	70.8	74.7	76.8	79.4	81.1	83.7	83.7	84.5	85.0	85.0	85.4	85.4	86.7	87.1
≥ 1500	42.9	64.8	71.2	75.1	77.3	79.8	81.5	84.1	84.1	85.0	85.4	85.4	85.8	85.8	87.1	87.6
≥ 1200	42.9	64.8	72.1	76.0	78.1	80.7	82.4	85.0	85.0	85.8	86.3	86.3	86.7	86.7	88.0	88.4
≥ 1000	42.9	65.2	73.0	76.8	79.0	81.5	83.3	85.8	85.8	86.7	87.1	87.1	87.6	87.6	88.8	89.3
≥ 900	42.9	65.2	73.4	77.7	80.3	83.3	85.0	88.0	88.0	88.8	89.3	89.3	89.7	89.7	91.0	91.4
≥ 800	42.9	65.2	73.8	78.1	80.7	83.7	85.4	88.4	88.4	89.3	89.7	89.7	90.1	90.1	91.4	91.8
≥ 700	42.9	65.7	74.7	79.4	82.4	85.8	87.6	90.6	90.6	91.4	91.8	91.8	92.3	92.3	93.6	94.0
≥ 600	42.9	65.7	75.1	80.3	84.1	87.6	89.3	92.7	92.7	93.6	94.0	94.0	94.4	94.4	95.7	96.1
≥ 500	42.9	65.7	75.5	80.7	84.5	88.0	89.7	93.1	93.1	94.0	94.4	94.4	94.8	94.8	96.1	96.6
≥ 400	42.9	65.7	75.5	80.7	85.4	89.3	91.0	94.4	94.4	95.3	95.7	95.7	96.1	96.1	97.4	97.9
≥ 300	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.3	98.7
≥ 200	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.3	98.7
≥ 100	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.7	99.6
≥ 0	42.9	65.7	75.5	80.7	85.4	89.7	91.4	94.8	94.8	95.7	96.6	96.6	97.0	97.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING PRACTICE
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	39.0	50.2	50.9	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	43.9	56.1	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	44.1	56.8	57.8	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	45.3	58.3	59.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	48.1	63.8	65.0	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	48.7	64.4	65.7	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	50.8	67.4	68.8	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	51.3	68.8	70.1	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	51.9	69.5	70.8	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	52.7	70.6	72.0	73.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	52.8	71.2	72.5	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	54.5	73.1	74.4	75.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	55.3	74.1	75.4	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	56.4	77.3	78.6	79.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	58.0	80.3	82.2	84.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	58.7	82.0	84.1	86.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	58.7	82.8	84.8	87.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	58.9	84.1	86.4	88.8	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	59.3	86.0	89.0	91.7	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	59.5	86.9	90.2	93.2	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	59.5	87.3	90.5	93.6	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	59.5	87.5	90.7	93.8	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	59.5	87.5	90.7	93.9	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	59.5	87.7	90.9	94.1	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	59.5	87.7	91.1	94.3	97.3	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8
≥ 300	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	59.5	87.7	91.1	94.3	97.3	97.7	98.3	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

528

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.5	45.0	46.3	47.8	49.1	49.3	49.3	49.7	49.7	50.3	50.3	50.3	50.7	50.9	50.9	50.9
≥ 20000	35.2	45.6	46.3	47.8	49.1	49.3	49.3	49.7	49.7	50.3	50.3	50.3	50.7	50.9	50.9	50.9
≥ 18000	40.2	51.6	53.3	55.0	56.4	56.9	56.9	57.3	57.3	57.9	57.9	57.9	58.3	58.4	58.4	58.4
≥ 16000	40.2	51.6	53.3	55.0	56.4	56.9	56.9	57.3	57.3	57.9	57.9	57.9	58.3	58.4	58.4	58.4
≥ 14000	40.6	52.5	54.3	56.0	57.3	57.9	57.9	58.3	58.3	58.8	58.8	58.8	59.2	59.4	59.4	59.4
≥ 12000	41.6	53.5	55.4	57.5	58.8	59.6	59.6	60.0	60.0	60.5	60.5	60.5	60.9	61.1	61.1	61.1
≥ 10000	44.4	58.3	60.9	63.6	65.3	66.6	66.6	67.0	67.0	67.6	67.6	67.6	68.3	68.5	68.5	68.5
≥ 9000	45.0	58.8	61.5	64.1	65.8	67.2	67.2	67.6	67.6	68.1	68.1	68.1	68.9	69.1	69.1	69.1
≥ 8000	46.7	62.4	65.5	68.1	70.0	71.3	71.5	72.1	72.1	72.7	72.7	72.7	73.4	73.6	73.6	73.6
≥ 7000	46.9	63.0	66.0	68.7	70.6	71.9	72.1	72.7	72.7	73.2	73.2	73.2	74.0	74.2	74.2	74.2
≥ 6000	47.6	63.8	66.8	69.4	71.3	72.7	72.9	73.4	73.4	74.0	74.0	74.0	74.8	75.0	75.0	75.0
≥ 5000	47.6	64.3	67.4	70.0	72.1	73.4	73.6	74.4	74.4	75.0	75.0	75.0	75.9	76.1	76.1	76.1
≥ 4500	47.6	64.3	67.4	70.0	72.1	73.4	73.6	74.4	74.4	75.0	75.0	75.0	75.9	76.1	76.1	76.1
≥ 4000	49.0	65.8	68.9	71.7	73.8	75.1	75.9	76.7	76.7	77.2	77.2	77.2	78.2	78.4	78.4	78.4
≥ 3500	49.0	66.4	69.6	72.5	74.6	75.9	76.7	77.4	77.4	78.0	78.0	78.0	78.9	79.1	79.1	79.1
≥ 3000	49.3	68.3	71.5	74.6	76.7	78.2	78.9	79.7	79.7	80.3	80.3	80.3	81.2	81.4	81.4	81.4
≥ 2500	49.7	68.7	72.3	75.5	77.6	79.3	80.1	81.0	81.2	81.8	81.8	81.8	82.7	82.9	82.9	82.9
≥ 2000	49.9	69.4	73.1	76.5	78.6	80.3	81.0	82.0	82.2	82.7	82.7	82.7	83.7	83.9	83.9	83.9
≥ 1800	49.9	69.4	73.1	76.5	78.6	80.3	81.0	82.0	82.2	82.7	82.7	82.7	83.7	83.9	83.9	83.9
≥ 1500	50.1	70.2	73.8	77.2	79.7	81.4	82.2	83.1	83.3	83.9	83.9	83.9	84.8	85.0	85.0	85.0
≥ 1200	50.3	71.7	75.7	79.3	82.0	83.7	84.4	85.4	85.6	86.1	86.1	86.1	87.1	87.3	87.3	87.3
≥ 1000	50.5	73.2	77.2	81.0	84.4	86.1	87.1	89.0	89.2	89.8	89.8	89.8	90.7	90.9	90.9	90.9
≥ 900	50.5	73.4	77.6	81.6	85.0	86.9	88.0	89.9	90.5	91.1	91.1	91.1	92.0	92.2	92.2	92.2
≥ 800	50.5	73.6	77.8	81.8	85.6	87.5	89.0	90.9	91.5	92.0	92.0	92.0	93.0	93.2	93.2	93.2
≥ 700	50.5	73.8	78.0	82.2	86.1	88.2	89.9	91.8	92.6	93.2	93.4	93.4	94.3	94.5	94.5	94.5
≥ 600	50.5	74.0	78.2	82.4	86.5	88.8	90.5	92.8	93.5	94.3	94.5	94.5	95.6	95.8	95.8	95.8
≥ 500	50.5	74.2	78.4	82.5	86.9	89.4	91.3	93.7	94.5	95.4	95.6	95.6	96.8	97.0	97.0	97.0
≥ 400	50.5	74.2	78.4	82.5	86.9	89.6	91.5	94.1	95.1	96.0	96.4	96.4	97.5	97.7	97.7	97.7
≥ 300	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.0	97.0	98.7	99.1	99.2	99.2
≥ 200	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.6	99.6
≥ 100	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.8	99.8
≥ 0	50.5	74.2	78.4	82.5	87.1	89.8	91.7	94.7	95.6	96.6	97.2	97.2	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

527

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PK4 C:
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.7	46.2	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	43.3	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	43.3	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	43.7	55.1	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	43.9	55.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	45.0	58.8	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	48.5	65.0	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	49.5	66.0	66.2	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	51.3	68.2	68.5	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	51.8	68.9	69.1	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	52.2	69.5	69.7	70.9	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	53.6	71.1	71.5	72.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	54.4	71.8	72.2	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	59.2	77.3	77.7	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	60.8	79.2	79.8	81.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	63.5	83.9	84.5	85.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	65.8	87.6	88.5	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	66.6	89.1	90.5	93.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	66.8	89.7	91.1	93.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	66.8	89.7	91.5	94.0	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	66.8	90.5	92.2	94.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	66.8	91.1	92.8	95.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	66.8	91.1	92.8	95.5	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	66.8	91.3	93.2	95.9	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	66.8	91.5	93.4	96.1	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	66.8	91.5	93.4	96.1	97.5	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.8	91.5	93.8	96.5	97.9	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 515

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEFENS AAF MASS
STATION NAME

51-63,74-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UT-5

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.4	47.5	47.9	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	47.1	58.2	58.6	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	47.1	58.2	58.6	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	47.9	59.3	59.4	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	47.9	59.3	59.4	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	50.5	62.6	63.0	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	53.9	67.7	68.1	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	55.2	68.9	69.3	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	58.0	72.7	73.3	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	59.6	74.9	75.6	76.2	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	60.0	75.4	76.0	76.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	61.8	77.8	78.8	79.6	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	63.2	79.8	80.8	81.6	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	66.9	85.3	86.5	87.5	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	67.9	86.5	88.3	89.3	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	69.3	89.1	91.1	92.1	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	69.9	90.3	92.5	93.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	70.1	90.7	93.1	94.7	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	70.1	90.9	93.7	95.4	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	70.1	91.1	93.9	95.6	96.6	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	70.1	91.5	94.3	96.0	97.0	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	70.1	91.7	94.5	96.2	97.2	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	70.1	91.9	94.7	96.4	97.4	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	70.1	91.9	94.7	96.4	97.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	70.1	91.9	94.7	96.4	97.6	99.0	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.1	91.9	94.7	96.4	97.6	99.2	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 495

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,74-76

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS 11 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	51.8	52.7	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	51.8	61.9	63.4	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	51.8	61.9	63.4	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	52.1	62.2	63.7	64.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	53.0	63.1	64.6	65.5	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	56.0	67.0	68.5	69.3	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	59.8	72.3	73.8	75.3	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	61.9	74.7	76.2	77.7	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	65.2	79.2	81.0	82.4	83.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	68.5	83.6	85.4	86.9	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	68.5	83.9	86.0	87.5	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	69.0	85.4	87.5	89.0	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	69.3	86.0	88.1	89.6	90.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	69.9	86.6	89.3	90.8	92.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	69.9	86.6	89.3	91.7	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	69.9	86.6	89.3	91.7	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	69.9	86.9	89.6	92.3	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	70.5	87.8	90.5	93.2	94.3	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	70.5	87.8	90.5	93.2	94.3	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	70.5	88.4	91.1	93.8	94.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	70.5	88.4	91.1	93.8	94.9	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	70.5	88.7	91.4	94.3	95.5	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	70.5	88.7	91.4	94.3	95.5	97.3	97.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.5	88.7	91.4	94.3	95.8	97.6	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 336

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEWIS AAF MASS
STATION NAME

61-63
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.3	57.9	61.8	63.2	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	48.7	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	48.2	64.5	71.5	73.2	74.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	49.6	66.7	73.7	75.4	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	51.8	70.6	77.6	81.6	82.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	52.6	71.5	78.5	82.5	83.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	53.5	72.8	80.3	85.1	86.4	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	55.3	75.9	83.3	88.2	89.5	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	55.3	75.9	83.3	88.2	89.5	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	55.3	75.9	83.3	88.6	89.9	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	55.3	75.9	83.3	88.6	89.9	91.2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	55.3	76.8	84.2	89.5	90.8	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	55.3	76.8	84.2	89.5	90.8	92.1	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	55.3	77.2	84.6	89.9	91.2	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	55.3	78.1	85.5	90.8	92.1	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	55.3	78.5	86.0	91.2	92.5	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	55.3	78.5	86.0	91.2	92.5	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	55.3	78.9	86.4	91.7	93.0	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	55.3	78.9	86.8	92.1	93.4	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	55.3	78.9	87.3	92.5	93.9	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	55.3	78.9	87.3	92.5	93.9	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	55.3	78.9	87.3	93.4	94.7	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	55.3	78.9	87.3	93.4	94.7	96.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	55.3	78.9	87.3	93.4	94.7	96.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	55.3	78.9	87.3	93.4	94.7	96.1	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	55.3	78.9	87.3	93.4	94.7	96.5	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.3	78.9	87.3	93.4	94.7	96.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 228

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVERES AAF MASS

62-63,76

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.1	54.9	58.5	61.7	62.8	62.8	62.8	63.3	63.3	63.8	64.4	64.4	64.9	64.9	64.9	64.9
≥ 20000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
≥ 18000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
≥ 16000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
≥ 14000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
≥ 12000	44.7	56.4	60.1	63.3	64.4	64.4	64.4	64.9	64.9	65.4	66.0	66.0	66.5	66.5	66.5	66.5
≥ 10000	46.8	58.5	62.2	66.5	67.6	67.6	67.6	68.1	68.1	68.6	69.1	69.1	69.7	69.7	69.7	69.7
9000	46.8	58.5	62.2	67.0	68.1	68.1	68.1	68.6	68.6	69.1	69.7	69.7	70.2	70.2	70.2	70.2
≥ 8000	46.8	60.1	65.4	70.2	71.3	71.3	71.3	71.8	71.8	72.3	72.9	72.9	73.4	73.4	73.4	73.4
≥ 7000	47.9	63.3	68.6	73.4	74.5	74.5	74.5	75.0	75.0	75.5	76.1	76.1	76.6	76.6	76.6	76.6
≥ 6000	47.9	64.9	70.2	75.0	76.1	76.1	76.1	76.6	76.6	77.1	77.7	77.7	78.2	78.2	78.2	78.2
≥ 5000	47.9	65.4	71.3	76.1	77.1	77.1	77.1	77.7	77.7	78.2	78.7	78.7	79.3	79.3	79.3	79.3
≥ 4500	47.9	66.0	71.8	77.1	78.2	78.2	78.2	78.7	78.7	79.3	79.8	79.8	80.3	80.3	80.3	80.3
≥ 4000	47.9	66.0	71.8	77.1	78.2	78.2	78.2	78.7	78.7	79.3	79.8	79.8	80.3	80.3	80.3	80.3
≥ 3500	47.9	66.0	72.3	78.2	79.3	79.3	79.3	79.8	79.8	80.3	80.9	80.9	81.4	81.4	81.4	81.4
≥ 3000	47.9	67.0	73.4	79.3	80.3	80.9	80.9	81.4	81.4	81.9	82.4	82.4	83.0	83.0	83.0	83.0
≥ 2500	47.9	67.6	73.9	79.8	80.9	81.4	81.9	82.4	82.4	83.0	83.5	83.5	84.0	84.0	84.0	84.0
≥ 2000	47.9	68.6	75.0	81.4	82.4	83.0	83.5	84.0	84.0	84.6	85.1	85.1	85.6	85.6	85.6	85.6
≥ 1800	47.9	68.6	75.0	81.4	82.4	83.0	83.5	84.0	84.0	84.6	85.1	85.1	85.6	85.6	85.6	85.6
≥ 1500	47.9	70.2	76.6	83.0	85.1	85.6	86.2	86.7	86.7	87.2	87.8	87.8	88.3	88.3	88.3	88.3
≥ 1200	47.9	70.2	77.1	84.6	86.7	87.2	87.8	88.3	88.3	88.8	89.4	89.4	89.9	89.9	89.9	89.9
≥ 1000	47.9	70.2	77.1	84.6	87.2	87.8	88.8	89.4	89.4	89.9	90.4	90.4	91.0	91.0	91.0	91.0
≥ 900	47.9	70.2	77.1	84.6	87.2	87.8	88.8	89.4	89.4	89.9	90.4	90.4	91.0	91.0	91.0	91.0
≥ 800	47.9	70.2	77.1	84.6	87.8	88.3	89.9	90.4	90.4	91.0	91.5	91.5	92.0	92.0	92.0	92.0
≥ 700	47.9	70.2	77.1	85.1	88.3	88.8	90.4	91.5	91.5	92.0	92.6	92.6	93.1	93.1	93.1	93.1
≥ 600	47.9	70.2	77.1	85.1	88.3	90.4	92.0	93.1	93.1	93.6	94.1	94.1	94.7	94.7	94.7	94.7
≥ 500	47.9	70.2	77.1	85.1	88.3	90.4	92.6	94.1	94.1	94.7	95.2	95.2	95.7	95.7	95.7	95.7
≥ 400	47.9	70.2	77.1	85.1	88.3	90.4	92.6	95.7	95.7	96.3	96.8	96.8	97.3	97.3	97.3	97.3
≥ 300	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.4	98.4	98.4	98.4
≥ 200	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.4	98.4	98.4	98.4
≥ 100	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.9	98.9	98.9	99.5
≥ 0	47.9	70.2	77.1	85.1	88.3	90.4	93.1	96.3	96.3	97.3	97.9	97.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.6	49.4	52.8	55.4	57.5	58.4	58.8	59.7	59.7	60.1	60.9	60.9	61.4	61.4	61.4	61.4
≥ 20000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
≥ 18000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
≥ 16000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
≥ 14000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
≥ 12000	38.6	52.8	57.1	60.1	62.2	63.5	63.9	64.8	65.2	65.7	66.5	66.5	67.0	67.0	67.0	67.0
≥ 10000	39.1	54.5	58.8	63.1	66.1	67.4	67.8	68.7	69.1	69.5	70.4	70.4	70.8	70.8	70.8	70.8
≥ 9000	39.5	54.9	59.2	63.5	66.5	67.8	68.2	69.1	69.5	70.0	70.8	70.8	71.2	71.2	71.2	71.2
≥ 8000	39.9	56.2	61.4	65.7	68.7	70.0	70.4	71.2	71.7	72.1	73.0	73.0	73.4	73.4	73.4	73.4
≥ 7000	39.9	57.1	63.5	67.8	70.8	72.1	72.5	73.4	73.8	74.2	75.1	75.1	75.5	75.5	75.5	75.5
≥ 6000	41.2	58.8	65.2	69.5	72.5	73.8	74.2	75.1	75.5	76.0	76.8	76.8	77.3	77.3	77.3	77.3
≥ 5000	41.2	59.2	65.7	70.0	73.0	74.2	74.7	75.5	76.0	76.4	77.3	77.3	77.7	77.7	77.7	77.7
≥ 4500	41.6	60.1	66.5	70.8	73.8	75.1	75.5	76.4	76.8	77.3	78.1	78.1	78.5	78.5	78.5	78.5
≥ 4000	41.6	60.9	67.4	71.7	74.7	76.0	76.4	77.3	77.7	78.1	79.0	79.0	79.4	79.4	79.4	79.4
≥ 3500	41.6	61.4	67.8	72.5	75.5	76.8	77.3	78.1	78.5	79.0	79.8	79.8	80.3	80.3	80.3	80.3
≥ 3000	41.6	61.4	67.8	72.5	75.5	76.8	77.3	78.1	78.5	79.0	79.4	80.3	80.3	80.7	80.7	80.7
≥ 2500	41.6	61.8	68.2	73.4	76.4	77.7	78.5	80.3	80.7	81.5	82.4	82.4	82.8	82.8	82.8	82.8
≥ 2000	41.6	63.1	69.5	75.1	78.1	79.4	80.3	82.0	82.4	83.3	84.1	84.1	84.5	84.5	84.5	84.5
≥ 1800	41.6	63.1	70.0	75.5	78.5	79.8	80.7	82.4	82.8	83.7	84.5	84.5	85.0	85.0	85.0	85.0
≥ 1500	42.1	63.5	70.4	76.0	79.0	80.7	82.4	84.1	84.5	85.4	86.3	86.3	86.7	86.7	86.7	86.7
≥ 1200	42.1	63.5	70.4	76.0	79.8	81.5	83.3	85.0	85.4	86.3	87.1	87.1	87.6	87.6	87.6	87.6
≥ 1000	42.1	63.5	70.8	76.4	80.3	82.4	84.1	86.3	86.7	87.6	88.4	88.4	88.8	88.8	89.3	89.3
≥ 900	42.1	63.5	70.8	76.4	80.3	82.4	84.1	86.3	86.7	87.6	88.4	88.4	88.8	88.8	89.3	89.3
≥ 800	42.1	63.5	70.8	76.8	80.7	82.8	85.0	87.6	88.0	88.8	89.7	89.7	90.1	90.1	90.6	90.6
≥ 700	42.1	63.5	70.8	76.8	81.1	83.7	86.3	89.3	90.1	91.0	91.8	91.8	92.3	92.3	92.7	92.7
≥ 600	42.1	63.5	70.8	76.8	81.1	84.5	87.6	91.0	91.8	92.7	93.6	93.6	94.0	94.0	94.4	94.4
≥ 500	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	94.8	94.8
≥ 400	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	95.3	95.3
≥ 300	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	94.4	94.4	95.3	95.3
≥ 200	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	95.7	95.7	96.6	96.6
≥ 100	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	96.1	96.1	97.0	97.0
≥ 0	42.1	63.5	70.8	76.8	81.1	84.5	88.0	91.4	92.3	93.1	94.0	94.0	96.1	96.1	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 233

DATA PROCESSING BRANCH
USAF ETAC
IR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-62, 74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.7	49.4	50.6	53.4	54.2	54.9	55.1	55.5	55.5	55.7	55.8	55.9	56.8	56.8	56.8	57.2
≥ 20000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 18000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 16000	40.8	54.9	56.4	59.4	60.6	61.7	61.9	62.3	62.3	62.5	62.8	62.8	63.8	63.8	63.8	64.2
≥ 14000	40.8	55.3	56.8	60.0	61.1	62.3	62.5	62.8	62.8	63.0	63.4	63.4	64.3	64.3	64.3	64.7
≥ 12000	41.5	56.2	57.7	60.9	62.1	63.2	63.4	63.8	63.8	64.0	64.3	64.3	65.3	65.3	65.3	65.7
≥ 10000	42.3	58.3	60.0	63.4	64.5	66.0	66.4	66.8	67.0	67.2	67.5	67.5	68.5	68.5	68.7	69.2
≥ 9000	43.2	59.4	61.3	64.9	66.0	67.5	68.3	68.7	68.9	69.1	69.4	69.4	70.4	70.4	70.6	71.1
≥ 8000	45.5	62.8	64.7	68.3	69.4	70.9	72.1	72.6	72.8	73.2	73.6	73.6	74.5	74.5	74.7	75.3
≥ 7000	45.7	64.2	66.0	69.6	70.8	72.3	73.4	74.0	74.2	74.5	74.9	74.9	75.8	75.8	76.0	76.6
≥ 6000	46.0	64.5	66.4	70.0	71.1	72.6	73.8	74.3	74.5	74.9	75.3	75.3	76.2	76.2	76.4	77.0
≥ 5000	46.2	64.9	67.0	70.6	71.7	73.2	74.3	74.9	75.1	75.5	75.8	75.8	76.8	76.8	77.0	77.5
≥ 4500	46.2	65.3	67.4	71.1	72.3	73.8	74.9	75.5	75.8	76.2	76.6	76.6	77.5	77.5	77.7	78.3
≥ 4000	46.8	66.0	68.1	71.9	73.0	74.5	75.8	76.4	76.8	77.2	77.5	77.5	78.5	78.5	78.7	79.2
≥ 3500	47.0	66.4	68.5	72.3	73.4	74.9	76.2	76.8	77.2	77.5	77.9	77.9	78.9	78.9	79.1	79.6
≥ 3000	47.2	66.8	69.1	72.8	74.0	75.5	77.0	77.7	78.1	78.5	78.9	78.9	79.8	79.8	80.0	80.6
≥ 2500	47.4	68.3	70.6	74.5	76.4	77.9	79.4	80.2	80.6	80.9	81.3	81.3	82.3	82.3	82.5	83.0
≥ 2000	47.5	69.4	71.7	75.7	77.7	79.2	80.8	81.5	82.1	82.5	82.8	82.8	83.8	83.8	84.0	84.5
≥ 1800	47.9	69.8	72.3	76.2	78.3	79.8	81.3	82.1	82.6	83.0	83.4	83.4	84.3	84.3	84.5	85.1
≥ 1500	48.3	70.8	73.2	77.5	79.6	81.1	82.6	83.4	84.0	84.3	84.7	84.7	85.7	85.7	85.8	86.4
≥ 1200	48.7	71.7	74.2	78.5	80.8	82.3	83.8	84.5	85.1	85.5	85.8	85.8	86.8	86.8	87.0	87.5
≥ 1000	49.1	72.1	74.5	79.1	81.3	82.8	84.7	86.0	86.8	87.2	87.7	87.7	88.7	88.7	88.9	89.4
≥ 900	49.1	72.1	74.5	79.1	81.3	82.8	84.7	86.0	86.8	87.2	87.7	87.7	88.7	88.7	88.9	89.4
≥ 800	49.1	72.6	75.3	80.0	82.3	83.8	85.7	87.2	87.9	88.3	88.9	88.9	89.8	89.8	90.0	90.6
≥ 700	49.1	73.2	76.0	80.8	83.4	85.1	87.2	89.1	89.8	90.2	90.8	90.8	91.7	91.7	91.9	92.5
≥ 600	49.1	73.2	76.0	80.9	83.8	85.5	87.7	89.6	90.4	90.8	91.3	91.3	92.3	92.3	92.5	93.0
≥ 500	49.1	73.2	76.0	80.9	84.9	87.2	89.4	91.5	92.3	92.6	93.2	93.2	94.2	94.2	94.3	94.9
≥ 400	49.1	73.2	76.0	80.9	84.9	87.2	90.2	92.6	93.4	94.5	95.1	95.1	96.0	96.0	96.2	96.8
≥ 300	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.4	97.4	97.9	98.5
≥ 200	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.7	99.2
≥ 100	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.7	99.2
≥ 0	49.1	73.2	76.0	80.9	85.1	87.5	90.9	93.4	94.2	95.7	96.2	96.2	97.9	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 530

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

51-63, 74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.4	57.8	58.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20'00	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	48.2	61.3	63.0	63.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	49.0	62.1	63.7	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	49.3	62.8	64.5	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	50.7	64.9	66.5	67.5	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	52.1	66.4	68.0	69.2	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	53.5	68.2	70.1	71.2	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	53.8	68.6	70.7	72.1	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	53.8	68.8	71.0	72.5	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	53.8	68.8	71.0	72.5	72.5	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	53.8	68.8	71.0	72.7	72.7	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	54.0	69.2	71.6	73.3	73.5	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	54.0	69.7	72.1	73.8	74.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	55.1	71.6	74.2	75.9	76.3	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	58.3	76.4	79.1	80.7	81.1	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	59.3	78.1	80.7	82.6	83.0	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	59.3	78.1	80.7	82.6	83.0	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	59.4	80.0	82.8	84.7	85.0	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	59.6	81.3	84.5	86.4	86.9	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	59.8	81.9	85.2	87.1	87.9	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	59.8	81.9	85.2	87.3	88.0	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	59.8	82.6	86.7	89.0	89.7	90.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	59.8	84.3	88.4	91.0	91.8	92.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	59.8	84.7	88.8	91.8	92.7	93.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	59.8	85.2	89.3	92.5	93.6	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	59.8	85.2	89.3	92.7	94.6	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	59.8	85.6	89.7	93.1	95.0	96.3	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

535

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,74-76

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.1	51.1	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	50.3	59.3	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	50.7	59.7	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	50.7	59.7	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	51.3	60.3	60.7	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	51.3	60.7	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	52.8	62.6	63.0	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	53.4	63.2	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	54.5	64.7	65.5	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	55.3	65.7	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	55.5	66.1	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	56.1	66.7	67.4	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	56.3	67.1	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	59.0	70.7	71.7	72.6	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	61.1	73.2	74.2	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	62.0	75.5	76.5	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	66.9	82.7	84.0	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	67.2	83.2	84.8	85.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	67.2	83.4	85.0	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	67.8	85.0	86.7	88.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	68.0	86.3	88.1	89.8	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	68.0	87.3	89.4	91.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	68.0	87.3	89.4	91.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	68.0	88.1	90.2	92.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	68.0	88.6	90.9	92.9	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	68.0	89.0	91.3	93.3	95.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	68.0	89.0	91.3	93.3	95.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	68.2	89.2	91.7	94.0	97.5	98.1	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	68.4	89.4	91.9	94.2	97.7	98.3	99.2	99.6	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

51

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.6	52.4	52.8	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	53.2	62.2	63.2	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	54.2	63.4	64.4	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	54.2	63.4	64.4	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	54.8	64.0	65.0	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	55.4	64.6	65.6	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	57.6	67.2	68.2	68.8	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	57.6	67.2	68.2	68.8	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	59.0	69.2	70.2	70.8	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	59.8	70.0	71.0	71.6	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	60.4	70.8	71.8	72.4	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	62.8	73.4	74.4	75.0	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	63.0	73.8	74.8	75.4	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	66.4	77.2	78.4	79.0	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	67.4	78.8	80.2	81.2	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	68.8	81.6	83.0	84.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	69.8	83.6	85.0	86.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	70.0	84.8	86.6	87.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	70.0	85.0	86.8	88.2	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	70.4	86.0	87.8	89.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	70.6	86.6	88.4	90.2	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	70.6	87.6	89.6	91.6	93.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	70.6	88.0	90.2	92.2	94.2	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	70.6	88.2	90.4	92.4	94.4	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	70.6	88.4	90.8	92.8	94.8	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	70.6	88.4	90.8	92.8	94.8	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	70.6	88.6	91.0	93.2	95.6	96.4	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	70.6	88.6	91.0	93.2	95.6	96.6	98.0	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	70.6	88.6	91.0	93.2	95.6	96.6	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEFENS AAF MASS
STATION NAME

61-63,74-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	45.6	53.8	55.3	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	52.9	62.1	64.1	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	53.2	62.4	64.4	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	53.2	62.4	64.4	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	53.5	62.6	64.7	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	54.7	64.4	66.5	67.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	57.4	67.1	69.1	70.6	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	57.9	67.6	69.7	71.2	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	59.4	69.7	72.1	73.5	75.0	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	60.0	70.9	73.5	75.0	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	60.6	72.4	75.0	76.5	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	61.2	73.5	76.2	77.9	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	62.1	74.4	77.1	78.8	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	63.2	76.2	78.8	80.6	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	64.4	77.6	80.6	82.4	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	65.6	80.0	83.2	85.0	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4
≥ 2500	66.5	81.2	84.4	86.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.8
≥ 2000	67.4	82.9	86.5	88.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5
≥ 1800	67.4	83.2	86.8	89.1	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.1	92.1	92.1
≥ 1500	67.4	83.5	87.4	89.7	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 1200	67.4	83.8	87.6	90.0	92.4	92.4	92.4	92.6	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2
≥ 1000	67.4	84.1	87.9	90.6	92.9	92.9	92.9	93.5	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4
≥ 900	68.2	85.0	88.8	91.5	93.8	93.8	93.8	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3
≥ 800	68.2	85.0	88.8	91.5	93.8	93.8	93.8	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3
≥ 700	68.2	85.0	89.1	91.8	94.1	94.1	94.1	95.3	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2
≥ 600	68.2	85.0	89.1	91.8	94.1	94.1	94.1	95.6	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1
≥ 500	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 400	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 300	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 200	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 100	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 0	68.2	85.0	89.1	91.8	94.1	94.1	94.1	96.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 340

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

61-63,76

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.1	54.9	58.3	60.0	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	49.8	61.7	65.1	66.8	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	49.8	62.1	65.5	67.2	68.5	68.5	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	51.5	65.1	68.5	71.1	72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	51.5	65.1	68.5	71.1	72.3	72.3	72.3	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	52.3	66.0	69.4	71.9	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	53.2	66.8	71.5	74.0	75.3	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	54.0	67.7	72.3	74.9	76.2	76.2	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	54.0	69.4	74.9	77.4	79.1	79.1	79.1	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	54.0	69.4	74.9	77.4	79.6	79.6	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	54.5	70.6	76.2	78.7	80.9	80.9	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	54.9	71.1	76.6	79.6	81.7	81.7	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	55.3	71.5	78.3	81.3	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	56.2	73.2	80.0	83.4	85.5	85.5	85.5	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	56.2	73.6	80.9	84.3	86.8	86.8	86.8	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	56.2	73.6	81.3	84.7	87.2	87.2	87.2	87.2	87.2	87.7	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	56.2	73.6	81.7	85.5	88.1	88.1	88.1	88.5	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	56.2	74.0	82.1	86.0	88.5	88.5	88.5	88.9	88.9	89.4	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	56.2	74.5	82.6	86.4	88.9	88.9	89.4	89.8	89.8	90.2	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	56.2	74.5	82.6	86.8	89.4	89.4	89.8	90.2	90.2	90.6	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	56.2	74.5	82.6	86.8	89.4	89.4	90.2	90.6	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	56.2	74.9	83.0	87.2	89.8	89.8	91.1	91.5	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	56.2	74.9	83.0	87.2	89.8	90.6	92.3	92.8	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	56.2	74.9	83.0	87.2	90.2	91.5	93.6	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	56.2	74.9	83.8	88.1	91.1	92.3	95.7	97.4	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	56.2	74.9	83.8	88.5	92.3	93.6	97.0	98.7	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 235

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.4	48.4	48.9	51.1	53.8	54.3	55.9	56.5	56.5	56.5	56.5	56.5	56.5	57.0	57.5	57.5
≥ 20000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
≥ 18000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
≥ 16000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
≥ 14000	41.9	49.5	50.5	53.8	56.5	57.0	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.7	60.2	60.2
≥ 12000	42.5	50.0	51.1	54.3	57.0	57.5	59.1	59.7	59.7	59.7	59.7	59.7	59.7	60.2	60.8	60.8
≥ 10000	43.5	53.2	54.3	57.5	60.2	60.8	62.4	62.9	62.9	62.9	62.9	62.9	62.9	63.4	64.0	64.0
≥ 9000	43.5	54.3	55.4	58.6	61.3	61.8	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.5	65.1	65.1
≥ 8000	45.7	56.5	58.1	61.3	64.0	64.5	66.1	66.7	66.7	66.7	66.7	66.7	66.7	67.2	67.7	67.7
≥ 7000	46.2	57.0	58.6	61.8	64.5	65.1	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.7	68.3	68.3
≥ 6000	46.8	57.5	59.1	62.4	65.1	65.6	67.2	67.7	67.7	67.7	67.7	67.7	67.7	68.3	68.8	68.8
≥ 5000	49.5	62.4	64.0	67.7	70.4	71.0	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.7	74.2	74.2
≥ 4500	49.5	62.4	64.0	67.7	70.4	71.0	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.7	74.2	74.2
≥ 4000	51.6	65.1	66.7	70.4	73.1	73.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.9	76.9
≥ 3500	51.6	65.1	66.7	70.4	73.1	73.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.9	76.9
≥ 3000	51.6	65.6	67.7	72.0	74.7	75.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	79.0	79.6	79.6
≥ 2500	53.2	67.2	69.4	73.7	76.3	77.4	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.6	81.2	81.2
≥ 2000	53.8	68.3	70.4	75.3	78.0	79.5	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.8	83.3	83.3
≥ 1800	54.3	69.9	72.0	76.9	79.6	81.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.4	84.9	84.9
≥ 1500	55.4	71.5	73.7	79.0	82.3	83.9	86.0	86.6	86.6	86.6	86.6	86.6	86.6	87.1	87.6	87.6
≥ 1200	55.4	72.6	74.7	80.1	83.3	84.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	88.2	88.7	88.7
≥ 1000	55.4	72.6	74.7	80.1	83.3	84.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	88.2	88.7	88.7
≥ 900	55.4	72.6	74.7	80.6	83.9	85.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.7	89.2	89.2
≥ 800	55.4	72.6	75.8	81.7	85.5	87.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.9	91.4	91.4
≥ 700	55.4	72.6	75.8	81.7	86.0	87.6	90.3	91.4	91.4	91.4	91.4	91.4	91.4	92.5	93.0	93.0
≥ 600	55.4	72.6	75.8	81.7	86.0	87.6	90.3	91.4	91.4	92.5	92.5	92.5	92.5	93.0	93.5	93.5
≥ 500	55.4	72.6	75.8	81.7	86.6	88.2	90.9	92.5	92.5	94.1	94.1	94.1	94.1	94.6	95.2	95.2
≥ 400	55.4	72.6	75.8	81.7	86.6	88.2	91.4	93.0	93.0	94.6	94.6	94.6	94.6	95.2	95.7	95.7
≥ 300	55.4	72.6	75.8	81.7	86.6	88.2	91.9	93.5	93.5	95.7	95.7	95.7	95.7	96.2	96.8	96.8
≥ 200	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	98.9	98.9
≥ 100	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	98.9	98.9
≥ 0	55.4	72.6	75.8	81.7	86.6	88.2	91.9	94.1	94.1	96.2	97.8	97.8	97.8	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-62,74,76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	50.2	50.0	52.8	53.2	53.2	54.9	55.8	56.2	58.4	58.6	58.8	59.2	60.1	60.5	60.9
≥ 20000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
≥ 18000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
≥ 16000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
≥ 14000	37.3	51.5	52.4	55.8	56.2	56.2	57.9	59.2	59.7	62.2	62.7	62.7	63.9	64.8	65.2	65.7
≥ 12000	38.6	52.8	53.6	57.1	57.5	57.5	59.2	60.5	60.9	63.5	63.9	63.9	65.2	66.1	66.5	67.0
≥ 10000	38.6	52.8	54.1	57.5	57.9	57.9	59.7	60.9	61.4	63.9	64.4	64.4	65.7	66.5	67.0	67.4
≥ 9000	38.6	53.2	54.9	58.4	58.8	58.8	60.5	61.8	62.2	64.8	65.2	65.2	66.5	67.4	67.8	68.2
≥ 8000	40.3	55.8	57.9	61.4	61.8	61.8	63.5	64.8	65.2	67.8	68.2	68.2	69.5	70.4	70.8	71.2
≥ 7000	40.3	55.8	57.9	61.4	61.8	61.8	63.5	64.8	65.2	67.8	68.2	68.2	69.5	70.4	70.8	71.2
≥ 6000	41.2	56.7	58.8	62.2	62.7	62.7	64.4	65.7	66.1	68.7	69.1	69.1	70.4	71.2	71.7	72.1
≥ 5000	41.2	57.9	60.1	63.5	63.9	63.9	65.7	67.4	67.8	70.4	70.8	70.8	72.1	73.0	73.4	73.8
≥ 4500	41.2	57.9	60.1	63.5	63.9	63.9	65.7	67.4	67.8	70.4	70.8	70.8	72.1	73.0	73.4	73.8
≥ 4000	41.6	58.8	60.9	64.4	64.8	64.8	66.5	68.2	68.7	71.2	71.7	71.7	73.0	73.8	74.2	74.7
≥ 3500	41.6	59.2	61.8	65.2	65.7	66.1	67.8	69.5	70.0	72.5	73.0	73.0	74.2	75.1	75.5	76.0
≥ 3000	42.9	60.9	63.5	67.4	68.2	68.7	70.4	72.1	72.5	75.1	75.5	75.5	76.8	77.7	78.1	78.5
≥ 2500	42.9	61.8	64.4	68.7	70.0	70.4	72.1	73.8	74.2	76.8	77.3	77.3	78.5	79.4	79.8	80.3
≥ 2000	43.3	62.2	65.7	70.0	71.7	72.1	73.8	75.5	76.0	78.5	79.0	79.0	80.3	81.1	81.5	82.0
≥ 1800	43.3	63.1	67.0	71.2	73.0	73.4	75.1	76.8	77.3	79.8	80.3	80.3	81.5	82.4	82.8	83.3
≥ 1500	43.3	63.5	67.4	71.7	73.8	74.2	76.0	77.7	78.1	80.7	81.1	81.1	82.8	83.7	84.1	84.5
≥ 1200	44.6	65.2	69.5	73.8	76.8	77.7	79.8	81.5	82.0	84.5	85.0	85.0	86.7	87.6	88.0	88.4
≥ 1000	44.6	65.2	69.5	73.8	76.8	77.7	79.8	81.5	82.0	84.5	85.0	85.0	86.7	87.6	88.0	88.4
≥ 900	44.6	65.2	70.0	74.2	77.7	78.5	80.7	82.4	82.8	85.4	85.8	85.8	87.6	88.4	88.8	89.3
≥ 800	44.6	65.2	70.0	74.2	77.7	78.5	80.7	82.4	82.8	85.4	85.8	85.8	87.6	88.4	88.8	89.3
≥ 700	44.6	65.2	70.0	74.2	77.7	78.5	81.5	83.7	84.1	86.7	87.6	87.6	89.3	90.1	90.6	91.0
≥ 600	44.6	65.2	70.0	74.2	77.7	79.0	82.0	84.1	84.5	87.1	88.0	88.0	89.7	90.6	91.0	91.4
≥ 500	44.6	65.2	70.0	74.2	78.5	79.8	83.3	85.4	85.8	88.4	89.3	89.3	91.0	91.8	92.3	92.7
≥ 400	44.6	65.2	70.0	74.2	79.4	80.7	84.5	86.7	87.1	90.1	91.0	91.0	93.1	94.0	94.4	94.8
≥ 300	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	96.1	97.0	97.4	97.9
≥ 200	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	96.6	97.4	97.9	98.3
≥ 100	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	97.0	97.9	98.3	98.7
≥ 0	44.6	65.2	70.0	74.2	79.4	81.5	86.7	88.8	89.3	92.7	94.0	94.0	97.0	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

233

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT JEFFERS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	37.8	45.0	46.4	47.6	48.5	48.7	49.3	49.5	49.9	51.1	51.3	51.3	52.2	52.4	53.0	54.8
≥ 20000	41.3	49.1	50.5	51.7	52.6	52.8	52.4	54.2	54.6	55.8	55.9	55.9	57.3	57.5	58.1	59.8
≥ 18000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 16000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 14000	41.3	49.1	50.5	51.7	52.8	53.0	54.0	54.8	55.2	56.3	56.5	56.5	57.9	58.1	58.7	60.4
≥ 12000	42.1	50.5	51.9	53.0	54.2	54.4	55.4	56.1	56.5	57.7	58.1	58.1	59.6	59.8	60.4	62.2
≥ 10000	43.7	52.8	54.2	55.4	56.7	57.1	58.7	59.5	59.8	61.0	61.6	61.6	63.2	63.4	63.9	65.7
≥ 9000	44.2	53.4	55.2	56.3	57.7	58.1	59.6	60.4	60.8	62.0	62.6	62.6	64.1	64.3	64.9	66.7
≥ 8000	46.0	55.2	57.3	58.5	60.0	60.4	62.4	63.4	63.7	64.9	65.5	65.5	67.1	67.3	67.8	69.6
≥ 7000	46.2	55.4	57.7	58.9	60.4	60.8	62.8	63.7	64.3	65.5	66.5	66.5	68.0	68.2	68.8	70.6
≥ 6000	45.4	55.8	58.1	59.5	61.2	61.6	63.5	64.5	65.1	66.3	67.3	67.3	68.8	69.0	69.6	71.3
≥ 5000	48.1	57.5	60.0	61.6	63.5	64.1	66.3	67.3	67.8	69.0	70.0	70.0	71.5	71.7	72.3	74.1
≥ 4500	48.3	57.7	60.2	61.8	64.1	64.7	66.9	67.8	68.4	69.6	70.6	70.6	72.1	72.3	72.9	74.7
≥ 4000	48.3	58.1	60.6	62.6	64.9	65.5	67.6	68.6	69.2	70.4	71.3	71.3	72.9	73.1	73.7	75.4
≥ 3500	48.3	58.3	60.8	62.8	65.1	65.7	67.8	68.8	69.4	70.6	71.5	71.5	73.1	73.3	73.9	75.6
≥ 3000	43.5	59.3	61.8	63.7	66.3	67.1	69.6	71.2	71.7	72.9	73.9	73.9	75.4	75.6	76.2	78.0
≥ 2500	49.5	60.4	63.0	64.9	67.4	68.2	70.8	72.3	72.9	74.1	75.2	75.2	76.8	77.0	77.6	79.3
≥ 2000	49.7	60.6	63.2	65.3	67.8	68.6	71.2	72.9	73.5	74.7	75.8	75.8	77.4	77.6	78.4	80.1
≥ 1800	50.1	61.2	63.7	65.9	68.4	69.2	71.7	73.5	74.1	75.2	76.4	76.4	78.0	78.2	78.9	80.7
≥ 1500	50.3	61.6	64.1	66.5	69.4	70.2	73.1	74.9	75.4	76.6	77.8	77.8	79.3	79.5	80.3	82.1
≥ 1200	50.7	63.0	65.7	68.0	71.0	72.1	75.0	76.8	77.4	78.6	79.7	79.7	81.3	81.5	82.3	84.0
≥ 1000	50.7	63.2	66.7	69.2	72.1	73.3	76.2	78.2	78.8	80.3	81.5	81.5	83.0	83.2	84.0	85.8
≥ 900	50.9	63.9	67.4	70.2	73.3	74.5	77.6	79.5	80.1	81.7	82.8	82.8	84.4	84.6	85.4	87.1
≥ 800	50.9	64.7	68.2	71.0	74.3	75.4	78.6	80.5	81.1	82.7	83.8	83.8	85.4	85.6	86.4	88.1
≥ 700	51.1	65.1	68.6	71.3	74.9	76.0	79.1	81.3	81.9	83.4	85.2	85.2	86.7	86.9	87.7	89.5
≥ 600	51.5	65.7	69.2	72.1	75.8	77.2	80.5	83.2	83.8	85.4	87.3	87.3	88.9	89.1	89.9	91.6
≥ 500	51.5	65.7	69.4	72.9	76.6	78.2	81.9	85.2	85.8	87.5	89.5	89.5	91.0	91.2	92.0	93.8
≥ 400	51.5	65.7	69.4	72.9	76.6	78.2	81.9	85.4	86.5	88.9	90.8	90.8	91.2	92.8	93.0	95.7
≥ 300	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.2	95.3	95.5	96.7	98.4
≥ 200	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	95.9	96.1	97.5	99.2
≥ 100	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	96.1	96.3	97.7	100.0
≥ 0	51.5	65.7	69.4	72.9	76.6	78.2	82.5	86.4	87.5	90.3	92.8	93.6	96.1	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.6	52.9	53.8	54.8	55.6	55.6	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.2	56.4	56.6
≥ 20000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 18000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 16000	52.1	60.2	61.3	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.7	63.9	64.1
≥ 14000	52.7	60.9	62.1	63.1	63.9	63.9	63.9	63.9	63.9	63.9	64.3	64.3	64.3	64.5	64.7	64.9
≥ 12000	53.6	62.7	63.9	64.9	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1	66.1	66.3	66.5	66.7
≥ 10000	55.2	65.3	66.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.0	69.2	69.4
≥ 9000	55.2	65.3	66.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	69.0	69.2	69.4
≥ 8000	56.2	66.7	68.2	69.4	70.6	70.6	70.6	70.8	70.8	70.8	71.2	71.2	71.2	71.4	71.6	71.8
≥ 7000	56.2	66.7	68.2	69.4	70.6	70.6	70.6	70.8	70.8	71.0	71.4	71.4	71.4	71.6	71.8	72.0
≥ 6000	57.0	67.5	69.0	70.2	71.4	71.4	71.6	71.6	71.8	72.2	72.2	72.2	72.2	72.4	72.6	72.8
≥ 5000	57.6	68.0	69.6	70.8	72.0	72.0	72.2	72.2	72.4	72.8	72.8	72.8	72.8	73.0	73.2	73.4
≥ 4500	57.6	68.0	69.6	71.0	72.6	72.6	72.8	72.8	73.0	73.4	73.4	73.4	73.4	73.6	73.8	74.0
≥ 4000	58.8	69.6	71.2	72.6	74.2	74.2	74.4	74.4	74.6	75.0	75.0	75.0	75.0	75.1	75.3	75.5
≥ 3500	59.8	71.2	72.8	74.2	75.7	75.7	75.9	75.9	76.1	76.5	76.5	76.5	76.5	76.7	76.9	77.1
≥ 3000	61.9	74.4	75.9	77.3	78.9	78.9	79.1	79.1	79.3	80.1	80.1	80.1	80.1	80.3	80.5	80.7
≥ 2500	62.5	75.3	76.9	78.3	79.9	79.9	80.1	80.1	80.3	81.1	81.1	81.1	81.1	81.3	81.5	81.7
≥ 2000	62.7	76.1	77.7	79.1	80.9	80.9	81.1	81.1	81.3	82.1	82.1	82.1	82.1	82.2	82.4	82.6
≥ 1800	62.9	76.3	77.9	79.3	81.1	81.1	81.3	81.3	81.5	82.2	82.2	82.2	82.2	82.4	82.6	82.8
≥ 1500	62.9	77.5	79.3	80.7	82.4	82.4	82.6	82.6	82.8	83.6	83.6	83.6	83.6	83.8	84.0	84.2
≥ 1200	63.5	79.5	81.5	82.8	85.0	85.0	85.2	85.2	85.4	86.2	86.2	86.2	86.2	86.4	86.6	86.8
≥ 1000	63.5	79.7	82.2	84.4	86.6	86.6	87.0	87.4	87.8	88.6	88.6	88.6	88.6	88.8	89.0	89.2
≥ 900	63.5	79.7	82.2	85.0	87.2	87.2	87.6	88.0	88.4	89.2	89.2	89.2	89.2	89.3	89.5	89.7
≥ 800	63.7	80.3	82.8	85.8	88.2	88.4	89.3	89.9	90.3	91.7	91.7	91.7	91.7	91.9	92.1	92.3
≥ 700	63.7	80.3	82.8	85.8	88.2	88.8	89.7	90.5	90.9	92.3	92.3	92.3	92.3	92.5	92.7	92.9
≥ 600	63.7	80.5	83.4	86.6	89.2	89.9	90.9	91.7	92.1	93.7	93.7	93.7	93.7	93.9	94.1	94.3
≥ 500	63.7	80.9	83.8	87.6	90.5	91.5	93.1	94.5	94.9	96.4	96.4	96.4	96.4	96.6	96.8	97.0
≥ 400	63.7	80.9	83.8	87.8	90.7	91.9	93.9	95.3	95.7	97.2	97.2	97.4	97.4	97.6	97.8	98.0
≥ 300	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	96.6	98.4	98.4	99.0	99.2	99.4	99.4	99.6
≥ 200	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0
≥ 100	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0
≥ 0	63.7	81.1	84.0	88.0	90.9	92.3	94.5	96.1	97.0	98.8	98.8	99.4	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 507

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

01-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.2	44.5	44.7	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	46.7	53.1	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	47.3	53.7	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	47.3	53.7	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	48.1	54.5	54.7	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	49.5	55.9	56.1	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	53.7	60.6	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	53.9	60.8	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	55.1	63.0	63.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	55.7	63.6	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	56.5	64.8	65.8	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	57.7	66.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	58.6	67.4	68.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	61.4	70.6	71.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	62.8	72.4	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	67.8	79.3	80.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	68.4	80.9	82.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	69.8	82.9	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	69.8	82.9	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	70.0	83.9	85.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	70.2	84.5	86.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	70.2	84.7	87.1	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	70.2	84.7	87.1	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	70.2	84.7	87.1	89.7	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	70.2	84.7	87.1	90.3	91.1	91.1	91.3	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	70.2	84.9	87.3	90.5	92.0	93.0	93.8	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	70.2	85.1	87.5	91.1	93.4	94.6	95.4	96.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	70.2	85.1	87.5	91.1	93.4	94.8	95.8	96.8	97.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	70.2	85.1	87.5	91.3	93.6	95.0	96.4	98.2	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

497

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

01-63,74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	42.7	49.1	49.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.2	51.4	51.6
≥ 20000	49.1	55.4	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.7	57.9
≥ 18000	49.5	56.0	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.3	58.5
≥ 16000	49.5	56.0	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.3	58.5
≥ 14000	50.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	60.0	60.2
≥ 12000	52.0	60.4	61.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.9	63.2
≥ 10000	55.4	64.6	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.4	67.6
≥ 9000	55.4	64.6	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.4	67.6
≥ 8000	58.3	69.5	70.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.8	73.1
≥ 7000	59.2	70.5	72.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.9	74.1
≥ 6000	59.8	71.2	72.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.5	74.7
≥ 5000	61.1	73.1	74.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.4	76.6
≥ 4500	62.1	74.1	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.5	77.7
≥ 4000	63.8	75.8	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	79.2	79.4
≥ 3500	64.4	77.5	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.8	81.1
≥ 3000	66.5	81.3	83.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.7	85.9
≥ 2500	67.8	82.5	85.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.6	87.8
≥ 2000	68.4	83.6	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.8	89.1
≥ 1800	66.4	83.6	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.8	89.1
≥ 1500	68.6	84.2	87.4	89.9	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.9	91.2
≥ 1200	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8
≥ 1000	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8
≥ 900	68.6	84.2	87.6	90.1	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8
≥ 800	68.8	84.4	87.8	90.3	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.4	92.6
≥ 700	68.8	84.6	88.2	90.9	92.2	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.5	93.7
≥ 600	68.8	84.6	88.2	90.9	92.2	92.6	93.7	94.5	94.5	94.5	94.5	94.7	94.7	94.9	95.2	95.4
≥ 500	68.8	84.6	88.2	90.9	92.6	93.7	95.4	96.2	96.2	96.4	96.6	96.6	96.6	96.8	97.1	97.3
≥ 400	68.8	85.1	88.6	91.4	93.1	94.3	96.4	97.3	97.3	97.7	98.1	98.1	98.3	98.5	98.7	98.7
≥ 300	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0
≥ 200	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0
≥ 100	68.8	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0
≥ 0	68.3	85.1	88.6	91.6	93.3	94.5	96.8	98.1	98.1	98.5	99.2	99.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

475

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT LEVENS AAF MASS
STATION NAME

61-63, 74-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.8	51.1	53.0	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2
≥ 20000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 18000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 16000	47.9	55.5	57.7	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 14000	48.9	56.5	58.7	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.2
≥ 12000	49.5	58.4	61.2	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 10000	53.6	63.4	66.6	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
≥ 9000	54.6	64.7	67.8	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3
≥ 8000	55.5	66.9	70.3	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4
≥ 7000	57.1	68.5	71.9	74.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0
≥ 6000	58.0	69.7	73.2	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 5000	58.0	69.7	73.2	75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4500	58.4	70.3	73.8	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9
≥ 4000	60.3	73.2	76.7	79.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.8
≥ 3500	60.6	73.8	77.3	79.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
≥ 3000	62.1	77.0	80.4	83.0	85.2	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 2500	62.8	78.2	82.0	84.9	87.4	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
≥ 2000	63.1	79.2	83.0	85.8	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2
≥ 1800	63.1	79.2	83.0	85.8	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2
≥ 1500	63.1	79.2	83.6	86.8	89.3	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5
≥ 1200	63.1	79.2	83.6	86.8	89.6	90.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8
≥ 1000	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 900	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 800	63.1	79.5	83.9	87.4	90.5	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
≥ 700	63.1	79.5	83.9	87.4	90.5	91.8	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.4
≥ 600	63.1	79.5	84.2	87.7	91.5	93.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5
≥ 500	63.1	79.8	84.5	88.3	92.4	94.6	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1
≥ 400	63.1	80.4	85.2	89.0	93.1	95.3	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 300	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	63.1	80.4	85.2	89.0	93.4	95.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

317

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEFENS AAF MASS
STATION NAME

61-63,75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	53.6	56.8	57.7	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	49.5	56.3	59.5	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	50.9	57.7	60.8	61.7	63.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	50.9	57.7	62.2	63.1	64.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	51.8	61.7	64.9	66.2	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	51.8	62.2	65.3	66.7	68.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	52.7	64.0	67.1	68.5	70.3	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	52.7	64.0	67.1	69.8	71.6	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	55.0	66.2	69.4	72.1	73.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	55.9	68.5	71.6	74.3	76.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	55.9	68.5	71.6	74.3	76.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	56.8	69.4	73.4	76.6	78.4	80.6	81.1	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	56.8	69.4	73.4	77.0	78.8	81.1	81.5	81.5	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	56.8	70.3	74.3	77.5	79.3	81.5	82.0	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	56.8	70.3	74.3	77.5	79.3	81.5	82.0	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	57.7	71.2	75.7	78.8	80.6	82.9	83.3	83.3	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	58.1	72.5	77.0	80.2	82.0	84.2	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	58.6	73.9	78.4	81.5	83.8	86.0	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	58.6	74.8	79.3	82.4	84.7	86.9	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.6	74.8	79.3	82.4	85.1	87.4	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	58.6	75.2	79.7	83.3	86.0	88.3	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	58.6	75.2	79.7	83.3	86.0	88.3	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	58.6	75.7	80.2	83.8	87.4	89.6	91.0	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	58.6	75.7	80.2	83.8	87.8	90.5	91.9	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	58.6	75.7	80.2	84.2	89.6	92.3	93.7	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	58.6	76.1	81.1	85.1	91.0	93.7	95.0	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.6	76.1	81.1	85.6	91.4	94.6	96.8	98.2	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVERES AAF MASS

61-62

UCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.2	58.2	59.0	59.8	61.5	62.3	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	50.0	59.8	60.7	61.5	63.1	63.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	51.6	63.1	63.9	64.8	66.4	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	56.6	68.9	69.7	70.5	72.1	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	56.6	68.9	69.7	72.1	73.8	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	57.4	70.5	71.3	73.8	75.4	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	61.5	74.6	75.4	77.9	79.5	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	61.5	75.4	76.2	78.7	80.3	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	61.5	75.4	79.5	82.0	83.6	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	61.5	78.7	79.5	82.0	83.6	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	61.5	79.5	80.3	82.8	84.4	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	63.1	81.1	82.0	84.4	86.1	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	63.1	81.1	82.0	84.4	86.1	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	63.1	81.1	82.8	85.2	86.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	63.1	82.0	83.6	86.1	87.7	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	63.1	82.0	83.6	86.1	87.7	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	63.1	82.0	83.6	86.1	88.5	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	63.1	82.0	83.6	86.1	88.5	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	63.1	82.0	83.6	86.1	89.3	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	63.1	82.0	84.4	86.9	91.0	93.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	63.1	82.0	84.4	86.9	92.6	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.1	82.0	84.4	86.9	92.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 122

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	49.4	52.4	52.4	52.9	54.1	54.1	54.7	54.7	55.9	56.5	56.5	57.1	57.6	58.2	58.9
≥ 20000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 18000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 16000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 14000	38.2	52.4	55.3	55.3	56.5	57.6	57.6	58.2	58.2	59.4	60.0	60.0	60.6	61.2	61.8	62.4
≥ 12000	38.2	54.1	57.1	57.1	58.2	59.4	59.4	60.0	60.0	61.2	61.8	61.8	62.4	62.9	63.5	64.1
≥ 10000	44.1	61.2	64.1	64.1	65.3	66.5	66.5	67.1	67.1	68.2	68.8	68.8	69.4	70.0	70.6	71.2
≥ 9000	44.7	61.8	64.7	64.7	65.9	67.1	67.1	67.6	67.6	68.8	69.4	69.4	70.0	70.6	71.2	71.8
≥ 8000	45.3	62.4	65.3	65.3	66.5	67.6	67.6	68.2	68.2	69.4	70.0	70.0	70.6	71.2	71.8	72.4
≥ 7000	45.9	62.9	65.9	65.9	67.1	68.2	68.2	68.8	68.8	70.0	70.6	70.6	71.2	71.8	72.4	72.9
≥ 6000	45.9	62.9	65.9	65.9	67.1	68.2	68.2	68.8	68.8	70.0	70.6	70.6	71.2	71.8	72.4	72.9
≥ 5000	45.9	64.1	67.1	67.6	69.4	70.6	70.6	72.4	72.4	73.5	74.1	74.1	74.7	75.3	75.9	76.5
≥ 4500	45.9	64.1	67.1	67.6	69.4	70.6	70.6	72.4	72.4	73.5	74.1	74.1	74.7	75.3	75.9	76.5
≥ 4000	47.1	65.9	68.8	69.4	71.2	72.4	72.4	74.1	74.1	75.3	75.9	75.9	76.5	77.1	77.6	78.2
≥ 3500	48.8	67.6	70.6	71.2	72.9	74.1	74.1	75.9	75.9	77.1	77.6	77.6	78.2	78.8	79.4	80.0
≥ 3000	50.6	71.2	74.1	74.7	76.5	77.6	77.6	79.4	79.4	80.6	81.2	81.2	81.8	82.4	82.9	83.5
≥ 2500	51.8	72.4	75.9	76.5	78.2	79.4	79.4	81.2	81.2	82.4	82.9	82.9	83.5	84.1	84.7	85.3
≥ 2000	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1800	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1500	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1200	51.8	72.9	76.5	77.1	78.8	80.0	80.0	81.8	81.8	82.9	83.5	83.5	84.1	84.7	85.3	85.9
≥ 1000	51.8	72.9	76.5	78.8	80.6	82.9	82.9	84.7	84.7	85.9	86.5	86.5	87.1	87.6	88.2	88.8
≥ 900	51.8	72.9	76.5	78.8	80.6	82.9	82.9	84.7	84.7	85.9	86.5	86.5	87.1	87.6	88.2	88.8
≥ 800	51.8	72.9	76.5	78.8	81.2	84.7	84.7	86.5	86.5	87.6	88.2	88.2	88.8	89.4	90.0	90.6
≥ 700	51.8	72.9	76.5	80.0	82.9	86.5	86.5	88.2	88.2	89.4	90.0	90.0	90.6	91.2	91.8	92.4
≥ 600	51.8	72.9	76.5	81.2	85.3	88.8	88.8	90.6	90.6	91.8	92.4	92.4	92.9	93.5	94.1	94.7
≥ 500	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 400	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 300	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	93.5	94.1	94.1	94.7	95.3	95.9	96.5
≥ 200	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	98.2	98.8
≥ 100	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	99.4	100.0
≥ 0	51.8	72.9	76.5	81.2	86.5	90.0	90.0	91.8	91.8	94.1	95.9	95.9	97.1	97.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

170

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.2	41.3	42.0	42.4	43.6	44.0	44.0	44.3	44.3	44.3	44.7	44.7	44.7	45.2	46.1	46.8
≥ 20000	42.9	47.7	48.6	49.3	50.7	52.1	52.3	53.0	53.0	53.0	53.4	53.4	53.7	54.1	55.0	56.0
≥ 18000	43.1	47.9	48.9	49.5	50.9	52.3	52.5	53.2	53.2	53.2	53.7	53.7	53.9	54.4	55.3	56.2
≥ 16000	43.1	47.9	48.9	49.5	50.9	52.3	52.5	53.2	53.2	53.2	53.7	53.7	53.9	54.4	55.3	56.2
≥ 14000	43.8	48.6	49.5	50.2	51.6	53.0	53.2	53.9	53.9	53.9	54.4	54.6	54.8	55.3	56.2	57.1
≥ 12000	44.3	49.3	50.2	50.9	52.3	53.9	54.4	55.0	55.0	55.0	55.5	55.7	56.0	56.4	57.3	58.5
≥ 10000	49.8	55.5	56.4	57.6	59.4	61.0	61.5	62.2	62.2	62.2	62.6	62.8	63.1	63.5	64.4	65.6
≥ 9000	50.7	56.4	57.3	58.5	60.3	61.9	62.4	63.1	63.1	63.1	63.5	63.8	64.0	64.4	65.4	66.5
≥ 8000	51.4	57.1	58.0	59.2	61.0	62.6	63.1	63.8	63.8	63.8	64.2	64.4	64.7	65.1	66.1	67.2
≥ 7000	52.3	58.0	58.9	60.3	62.4	64.2	64.7	65.4	65.4	65.4	65.8	66.1	66.3	66.7	67.7	68.8
≥ 6000	53.4	59.2	60.1	61.5	63.5	65.4	65.8	66.5	66.5	66.5	67.0	67.2	67.4	67.9	68.8	70.0
≥ 5000	54.1	60.3	61.5	62.8	64.9	66.7	67.2	67.9	67.9	67.9	68.3	68.6	68.8	69.3	70.2	71.3
≥ 4500	54.1	60.3	61.5	62.8	64.9	66.7	67.2	67.9	67.9	67.9	68.3	68.6	68.8	69.3	70.2	71.3
≥ 4000	55.0	62.4	63.8	65.1	67.2	69.0	69.5	70.2	70.2	70.2	70.6	70.9	71.1	71.6	72.5	73.6
≥ 3500	55.7	63.5	64.9	66.3	68.3	70.2	70.6	71.3	71.3	71.3	72.0	72.2	72.5	72.9	73.9	75.0
≥ 3000	56.9	66.1	67.4	68.8	70.9	72.7	73.2	73.9	73.9	73.9	74.5	74.8	75.0	75.5	76.4	77.5
≥ 2500	59.4	69.7	71.1	72.7	74.8	76.6	77.1	77.8	77.8	77.8	78.4	78.7	78.9	79.4	80.5	81.7
≥ 2000	59.9	70.4	71.8	73.4	75.7	77.8	78.2	79.1	79.1	79.1	79.8	80.0	80.3	80.7	81.9	83.0
≥ 1800	59.9	70.6	72.0	73.6	75.9	78.2	78.7	79.6	79.6	79.6	80.3	80.5	80.7	81.2	82.3	83.5
≥ 1500	59.9	71.1	72.5	74.1	76.4	78.7	79.1	80.0	80.0	80.0	80.7	81.0	81.2	81.7	82.8	83.9
≥ 1200	60.1	71.3	72.7	74.3	76.6	78.9	79.6	80.5	80.5	80.5	81.2	81.4	81.7	82.1	83.3	84.4
≥ 1000	60.1	72.2	73.6	75.5	78.2	80.5	81.9	83.0	83.0	83.0	83.7	83.9	84.2	84.6	85.8	86.9
≥ 900	60.1	72.2	73.9	75.7	78.4	80.7	82.1	83.3	83.3	83.3	84.2	84.4	84.6	85.1	86.2	87.4
≥ 800	60.1	72.2	74.1	76.1	79.4	81.7	83.0	84.2	84.2	84.4	85.1	85.3	85.6	86.0	87.2	88.3
≥ 700	60.1	72.2	74.1	76.1	79.8	82.1	83.5	84.6	84.9	85.1	86.0	86.2	86.5	86.9	88.1	89.2
≥ 600	60.1	73.2	75.0	77.1	81.0	83.3	84.6	85.8	86.0	86.2	87.2	87.4	87.6	88.1	89.2	90.4
≥ 500	60.1	73.4	75.7	78.0	82.8	85.8	87.4	88.8	89.0	89.2	90.6	90.8	91.1	91.7	92.9	94.0
≥ 400	60.1	73.6	75.9	78.2	83.5	86.5	88.5	90.4	90.6	91.3	92.9	93.1	93.8	94.5	95.6	96.8
≥ 300	60.1	73.6	75.9	78.2	83.5	86.5	88.5	90.6	90.8	91.5	93.3	93.6	95.6	96.3	97.5	98.6
≥ 200	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.2	99.3
≥ 100	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.6	100.0
≥ 0	60.1	73.9	76.1	78.4	83.9	87.2	89.2	91.3	91.5	92.2	94.0	94.3	96.3	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 436

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	43.0	47.1	47.3	47.5	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4
≥ 20000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 18000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 16000	47.1	52.5	53.1	53.4	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3
≥ 14000	47.8	53.1	53.8	54.0	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2	55.2
≥ 12000	50.0	56.1	57.0	57.2	57.6	57.6	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5
≥ 10000	54.7	61.4	62.3	63.0	63.9	63.9	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 9000	55.6	62.3	63.2	63.9	64.8	64.8	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7
≥ 8000	57.8	64.8	65.7	66.4	67.3	67.3	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.2	68.2
≥ 7000	58.7	66.4	67.3	67.9	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7
≥ 6000	59.0	66.6	67.5	68.2	69.1	69.1	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0
≥ 5000	59.9	67.5	68.4	69.1	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9
≥ 4500	60.1	68.2	69.1	69.7	70.6	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 4000	61.7	70.2	71.3	72.0	72.9	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8
≥ 3500	62.3	71.3	72.4	73.1	74.2	74.2	74.4	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.6	75.6
≥ 3000	64.3	74.0	75.1	76.0	77.1	77.1	77.4	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.5	78.5
≥ 2500	67.0	77.8	78.9	80.0	81.2	81.2	81.4	82.1	82.5	82.7	82.7	82.7	82.7	82.7	83.0	83.0
≥ 2000	67.3	78.5	79.6	80.7	81.8	81.8	82.1	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6
≥ 1800	67.3	78.7	79.8	80.9	82.1	82.1	82.3	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.9	83.9
≥ 1500	67.3	79.1	80.3	81.4	82.5	82.5	82.7	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.3	84.3
≥ 1200	68.8	81.6	82.7	83.9	85.2	85.2	85.4	86.1	86.5	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 1000	68.8	81.8	83.2	84.5	86.1	86.1	86.3	87.0	87.4	87.7	87.7	87.7	87.7	87.7	87.9	87.9
≥ 900	69.1	82.3	83.6	85.0	86.5	86.5	86.8	87.4	87.9	88.1	88.1	88.3	88.3	88.3	88.6	88.6
≥ 800	69.1	82.3	83.6	85.0	87.7	87.7	87.9	88.6	89.0	89.2	89.2	89.5	89.5	89.5	89.7	89.7
≥ 700	69.1	82.5	83.9	85.2	87.9	88.1	88.3	89.0	89.5	89.7	89.7	89.9	89.9	89.9	90.1	90.1
≥ 600	69.1	83.4	84.8	86.1	89.0	89.2	90.1	91.3	91.7	92.4	92.4	92.6	92.6	92.6	92.8	92.8
≥ 500	69.1	83.6	85.4	87.0	90.1	91.0	92.2	93.9	94.4	95.1	95.5	96.0	96.0	96.0	96.2	96.2
≥ 400	69.3	84.3	86.1	87.7	91.5	92.4	93.5	95.3	95.7	96.4	96.9	97.3	97.3	97.3	97.5	97.5
≥ 300	69.3	84.3	86.5	87.9	91.7	92.8	94.2	96.0	96.4	97.1	97.5	98.2	98.4	98.4	98.7	98.7
≥ 200	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.8	100.0	100.0
≥ 100	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.8	100.0	100.0
≥ 0	69.3	84.5	86.5	88.1	92.2	93.5	94.8	96.6	97.1	97.8	98.2	98.9	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	51.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	51.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	51.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	52.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	54.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	56.5	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	56.5	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	58.6	65.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	61.6	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	62.5	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	63.4	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	62.8	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	65.4	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	67.0	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	69.3	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	71.9	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	72.8	83.1	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	73.0	83.5	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	73.5	84.9	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	73.7	85.8	86.3	87.2	87.2	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1000	73.7	85.8	86.7	87.6	87.9	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	73.7	87.0	87.9	89.0	89.2	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	73.7	87.6	88.8	89.9	90.4	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	73.7	87.9	89.0	90.2	90.8	91.5	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	73.7	90.4	91.5	92.9	94.1	94.7	95.0	95.2	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	73.7	90.8	92.2	93.6	95.7	96.6	97.0	97.7	97.7	98.6	98.6	98.6	99.1	99.1	99.1	99.1
≥ 400	73.7	90.8	92.2	93.6	95.7	96.6	97.0	97.7	97.7	98.6	98.9	98.9	99.3	99.3	99.3	99.3
≥ 300	73.7	90.8	92.2	93.6	95.7	96.6	97.0	97.7	97.7	98.6	98.9	98.9	99.3	99.3	99.3	99.3
≥ 200	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	73.7	90.8	92.2	93.6	95.9	96.8	97.7	98.4	98.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

437

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62, 74-76
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	47.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
≥ 20000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.5
≥ 18000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.5
≥ 16000	53.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.5
≥ 14000	54.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.0
≥ 12000	55.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.9
≥ 10000	57.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.5
≥ 9000	58.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.5
≥ 8000	59.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.4
≥ 7000	63.6	71.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.9
≥ 6000	65.0	73.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.8
≥ 5000	67.4	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1
≥ 4500	67.9	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.6
≥ 4000	69.3	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
≥ 3500	70.7	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.5
≥ 3000	71.9	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.1
≥ 2500	73.3	82.9	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0
≥ 2000	74.5	85.0	85.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.4
≥ 1800	74.8	85.5	85.7	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.9
≥ 1500	75.5	87.6	87.9	89.0	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.5
≥ 1200	75.5	87.9	88.1	89.3	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.7
≥ 1000	75.7	88.8	89.3	90.7	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.4
≥ 900	75.7	88.8	89.3	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.6
≥ 800	75.7	88.8	89.3	90.7	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.6
≥ 700	75.7	89.0	90.0	91.7	92.2	92.3	93.6	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.8
≥ 600	75.7	89.3	90.2	92.4	94.0	95.0	95.2	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.7
≥ 500	75.7	89.5	90.5	92.9	95.0	96.4	96.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.8
≥ 400	75.7	89.5	90.5	92.9	95.0	96.4	96.9	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	99.5
≥ 300	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	100.0
≥ 200	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	100.0
≥ 100	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	100.0
≥ 0	75.7	89.8	91.0	93.3	95.5	96.9	97.4	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 420

DATA PROCESSING BRANCH
USAF ETAC
A.R. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.0	49.3	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	49.3	55.6	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	49.3	55.6	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	49.3	55.6	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	49.6	56.0	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	50.7	57.1	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	54.1	60.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	54.5	62.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	56.3	64.2	67.2	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	60.1	68.3	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	60.4	70.1	73.1	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	61.2	72.8	75.7	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	61.9	73.5	76.5	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	64.2	75.7	78.7	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	67.2	78.7	81.7	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	68.3	80.2	83.2	83.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	69.4	81.7	84.7	85.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	69.8	82.1	85.4	85.8	87.3	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	69.8	82.1	85.4	86.2	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	69.8	83.2	86.9	88.1	89.6	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	69.8	83.2	87.3	88.4	89.9	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	69.8	83.2	87.3	88.4	90.3	90.7	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	69.8	83.2	87.3	88.4	90.3	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	69.8	83.2	87.7	88.8	91.0	91.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	69.8	83.2	88.4	89.6	92.2	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	69.8	83.2	88.8	89.9	92.9	93.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	69.8	83.2	88.8	90.3	94.0	95.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	69.8	83.2	88.8	90.3	94.4	96.3	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 0	69.8	83.2	88.8	90.3	94.4	96.6	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

80-62

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	48.8	50.6	51.8	53.0	53.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	44.6	55.4	57.1	58.3	59.5	59.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	45.2	56.0	57.7	58.9	60.1	60.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	50.0	62.5	64.9	66.1	67.3	67.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	50.0	62.5	66.1	67.3	68.5	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	51.2	63.7	67.3	68.5	69.6	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 7000	54.2	66.7	70.2	71.4	72.6	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	55.4	69.6	73.2	74.4	75.6	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	57.1	72.0	75.6	76.8	78.0	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	57.1	72.0	75.6	76.8	78.0	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	57.7	73.8	77.4	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	61.3	77.4	81.0	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	61.3	78.6	82.1	83.3	84.5	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	61.3	78.6	82.1	83.3	84.5	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	61.9	79.8	83.3	84.5	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	61.9	79.8	83.3	84.5	85.7	85.7	86.9	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	61.9	79.8	83.3	85.1	86.9	87.5	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	61.9	79.8	83.3	85.1	86.9	87.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	61.9	79.8	83.3	85.7	87.5	89.9	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	61.9	79.8	83.3	86.9	88.7	91.1	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	61.9	79.8	83.3	86.9	88.7	91.1	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	61.9	79.8	83.3	86.9	88.7	92.9	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	61.9	79.8	83.3	86.9	88.7	92.9	96.4	96.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	61.9	79.8	83.3	86.9	88.7	92.9	97.0	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.8	98.8
≥ 200	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	61.9	79.8	83.3	86.9	88.7	92.9	98.2	98.2	98.8	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVERES AAF MASS
STATION NAME

61-62
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	41.1	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	51.1	51.1	51.1
≥ 20000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7
≥ 18000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7
≥ 16000	41.1	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.7	51.7	51.7
≥ 14000	41.7	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	52.8	52.8	52.8
≥ 12000	43.3	52.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	55.6	55.6	55.6
≥ 10000	46.1	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.9	58.9	58.9
≥ 9000	46.1	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.9	58.9	58.9
≥ 8000	46.7	57.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	60.6	60.6	60.6
≥ 7000	48.3	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.9	63.9	63.9
≥ 6000	48.9	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.0	65.0	65.0
≥ 5000	48.9	62.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	65.6	65.6	65.6
≥ 4500	51.1	64.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	67.8	67.8	67.8
≥ 4000	52.8	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	70.0	70.0	70.0
≥ 3500	55.0	68.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	72.2	72.2	72.2
≥ 3000	57.8	73.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	77.2	77.2	77.2
≥ 2500	58.3	76.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	80.0	80.0	80.0
≥ 2000	59.4	78.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.8	82.8	82.8
≥ 1800	59.4	78.9	81.7	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	83.9	83.9	83.9
≥ 1500	59.4	79.4	82.8	83.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	86.7	86.7	86.7
≥ 1200	59.4	80.0	83.3	83.9	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	87.2	87.2	87.2
≥ 1000	59.4	81.1	85.6	86.1	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	90.0	90.0	90.0
≥ 900	59.4	81.7	86.1	86.7	87.8	88.9	88.9	88.9	88.9	89.4	89.4	89.4	89.4	91.1	91.1	91.1
≥ 800	59.4	81.7	86.1	86.7	88.3	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.0	91.7	91.7	91.7
≥ 700	59.4	81.7	86.1	87.2	88.9	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	92.8	92.8	92.8
≥ 600	59.4	81.7	86.1	87.2	88.9	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	92.8	92.8	92.8
≥ 500	59.4	81.7	86.1	87.2	88.9	90.6	90.6	91.1	91.7	92.2	92.2	92.2	92.2	93.9	93.9	93.9
≥ 400	59.4	81.7	86.1	89.4	91.1	92.8	92.8	93.3	93.9	94.4	94.4	94.4	94.4	96.1	96.1	96.1
≥ 300	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	98.3
≥ 200	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	98.3
≥ 100	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	98.3
≥ 0	59.4	81.7	86.7	90.0	91.7	95.0	95.0	95.6	96.1	96.7	96.7	96.7	96.7	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.5	50.0	50.5	50.5	51.1	51.1	51.1	51.6	51.6	51.6	51.6	51.6	52.2	52.2	52.2	52.2
≥ 20000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 18000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 16000	40.1	51.6	52.2	52.2	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.8	53.8	53.8	53.8
≥ 14000	40.1	53.3	53.8	53.8	54.4	54.4	54.4	54.9	54.9	54.9	54.9	54.9	55.5	55.5	55.5	55.5
≥ 12000	40.1	53.3	53.8	53.8	54.4	54.4	54.4	54.9	54.9	54.9	54.9	54.9	55.5	55.5	55.5	55.5
≥ 10000	42.9	56.6	57.1	57.1	57.7	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.8	58.8	58.8	58.8
≥ 9000	43.4	57.1	57.7	57.7	58.2	58.2	58.2	58.8	58.8	58.8	58.8	58.8	59.3	59.3	59.3	59.3
≥ 8000	44.5	58.2	58.8	58.8	59.3	59.3	59.3	59.9	59.9	59.9	59.9	59.9	60.4	60.4	60.4	60.4
≥ 7000	46.2	59.9	60.4	60.4	61.0	61.0	61.0	61.5	61.5	61.5	61.5	61.5	62.1	62.1	62.1	62.1
≥ 6000	46.2	59.9	60.4	60.4	61.0	61.0	61.0	61.5	61.5	61.5	61.5	61.5	62.1	62.1	62.1	62.1
≥ 5000	46.7	60.4	61.0	61.0	61.5	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.6	62.6	62.6	62.6
≥ 4500	46.7	60.4	61.0	61.0	61.5	61.5	61.5	62.1	62.1	62.1	62.1	62.1	62.6	62.6	62.6	62.6
≥ 4000	47.8	61.5	62.1	62.1	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.7	63.7	63.7	63.7
≥ 3500	53.3	67.0	67.6	67.6	68.1	68.1	68.1	68.7	68.7	68.7	68.7	68.7	69.2	69.2	69.2	69.2
≥ 3000	54.4	68.1	68.7	68.7	69.2	69.2	69.2	69.8	69.8	69.8	69.8	69.8	70.3	70.3	70.3	70.3
≥ 2500	54.4	72.0	73.6	73.6	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3
≥ 2000	55.5	74.2	76.9	76.9	77.5	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.6	78.6	78.6	78.6
≥ 1800	55.5	74.2	78.0	78.0	78.6	78.6	78.6	79.1	79.1	79.1	79.1	79.1	79.7	79.7	79.7	79.7
≥ 1500	55.5	74.7	79.1	79.1	80.2	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 1200	56.0	76.4	81.3	81.3	82.4	83.0	83.0	83.5	83.5	83.5	83.5	83.5	84.1	84.1	84.1	84.1
≥ 1000	56.6	76.9	81.9	81.9	84.1	84.6	85.2	85.7	85.7	85.7	85.7	85.7	86.3	86.3	86.3	86.3
≥ 900	56.6	76.9	81.9	82.4	84.6	85.2	85.7	86.3	86.3	86.3	86.3	86.3	86.8	86.8	86.8	86.8
≥ 800	56.6	76.9	81.9	83.0	85.7	86.3	86.8	87.4	87.4	87.4	87.4	87.4	87.9	87.9	87.9	87.9
≥ 700	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.7	90.7	90.7	90.7
≥ 600	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.7	90.7	90.7	90.7
≥ 500	56.6	76.9	82.4	84.6	87.4	89.0	89.6	90.1	90.1	90.7	90.7	90.7	91.2	91.2	91.2	91.2
≥ 400	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 300	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 200	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	95.6	95.6	96.2	96.2	96.2	96.2
≥ 100	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	96.2	96.2	97.3	97.3	98.4	98.4
≥ 0	56.6	76.9	82.4	86.3	89.0	92.3	93.4	94.5	94.5	95.1	96.2	96.2	97.3	97.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	43.9	46.8	48.2	48.9	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	50.0	51.4
≥ 20000	47.7	53.4	55.0	55.7	55.9	55.9	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.8	58.1
≥ 18000	48.0	53.6	55.2	55.9	56.1	56.1	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	58.4
≥ 16000	48.0	53.6	55.2	55.9	56.1	56.1	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	58.4
≥ 14000	48.0	53.8	55.4	56.1	56.3	56.3	56.3	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.2	58.6
≥ 12000	48.6	54.8	56.3	57.0	57.2	57.2	57.2	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.1	59.5
≥ 10000	50.0	57.0	58.6	59.3	59.5	59.5	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.4	61.8
≥ 9000	50.9	58.6	60.4	61.1	61.3	61.3	61.3	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	63.6
≥ 8000	52.3	60.0	62.0	62.9	63.1	63.1	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	64.0	65.4
≥ 7000	54.3	62.4	64.7	65.8	66.1	66.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	67.0	68.3
≥ 6000	55.2	64.0	66.3	67.4	67.6	67.9	67.9	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.8	70.1
≥ 5000	56.8	66.3	68.6	69.7	69.9	70.1	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	71.0	72.4
≥ 4500	57.5	67.4	69.7	70.8	71.0	71.3	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.2	73.5
≥ 4000	59.7	69.7	71.9	73.1	73.3	73.8	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.7	76.0
≥ 3500	60.2	70.6	72.9	74.2	74.4	74.9	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.8	77.1
≥ 3000	62.9	73.8	76.2	77.6	77.8	78.3	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.4	80.8
≥ 2500	63.8	75.6	78.7	80.3	81.2	81.7	81.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.8	84.2
≥ 2000	64.7	76.9	80.5	82.4	83.3	84.2	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.3	86.7
≥ 1800	64.7	76.9	80.5	82.6	83.5	84.4	84.6	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.5	86.9
≥ 1500	65.4	77.8	81.7	83.7	84.6	85.5	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.9	88.2
≥ 1200	65.8	79.0	82.8	85.3	86.2	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.5	89.8
≥ 1000	66.1	79.6	83.5	86.0	86.9	87.8	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.1	90.5
≥ 900	66.1	79.6	83.5	86.0	87.3	88.2	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	91.0
≥ 800	66.1	80.1	83.9	86.7	88.2	89.1	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5	91.9
≥ 700	66.1	80.1	83.9	86.7	88.7	89.8	90.3	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.4	92.8
≥ 600	66.1	80.5	84.8	87.6	89.8	91.0	91.4	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.8	94.1
≥ 500	66.1	80.5	84.8	87.6	89.8	91.0	91.6	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.7	95.0
≥ 400	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.2	93.4	93.9	94.1	94.1	94.1	94.1	94.8	96.2
≥ 300	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.1	94.6	94.6	94.6	94.6	95.5	96.8
≥ 200	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.3	94.8	94.8	94.8	94.8	95.7	96.8
≥ 100	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.6	95.5	95.5	95.5	95.5	96.4	97.5
≥ 0	66.1	80.8	85.1	87.8	90.0	91.4	92.3	93.4	93.7	94.6	95.5	95.5	95.5	95.5	96.4	97.5

TOTAL NUMBER OF OBSERVATIONS

442

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.1	46.0	47.2	47.2	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	48.1	48.1	48.7	49.7
≥ 20000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 18000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 16000	47.2	52.8	54.0	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.6	54.6	55.2	55.2	55.8	56.7
≥ 14000	47.4	53.0	54.2	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.8	54.8	55.4	55.4	55.9	56.9
≥ 12000	47.6	53.2	54.4	54.4	54.4	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.6	55.6	56.1	57.1
≥ 10000	49.7	55.9	57.1	57.1	57.1	57.3	57.3	57.5	57.5	57.5	57.7	57.7	58.3	58.3	58.9	59.8
≥ 9000	49.9	56.1	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	57.9	57.9	58.5	58.5	59.1	60.0
≥ 8000	50.9	58.5	59.6	59.6	59.6	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.8	60.8	61.4	62.4
≥ 7000	53.2	61.4	63.2	63.2	63.2	63.4	63.4	63.5	63.5	63.5	63.7	63.7	64.3	64.3	64.9	65.9
≥ 6000	53.2	61.6	63.4	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.3	64.3	65.1	65.1	65.7	66.7
≥ 5000	55.8	64.9	66.7	66.7	67.3	67.4	67.4	67.6	67.6	67.6	67.8	67.8	68.6	68.6	69.2	70.2
≥ 4500	55.8	64.9	66.7	66.7	67.3	67.4	67.4	67.6	67.6	67.6	67.8	67.8	68.6	68.6	69.2	70.2
≥ 4000	59.1	68.6	70.6	70.6	71.2	71.3	71.3	71.5	71.5	71.5	71.7	71.7	72.5	72.5	73.1	74.1
≥ 3500	60.4	70.4	72.3	72.7	73.3	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.7	74.7	75.2	76.2
≥ 3000	63.5	74.9	77.0	77.4	78.4	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.7	79.7	80.3	81.3
≥ 2500	65.7	77.2	79.5	79.9	80.9	81.1	81.1	81.3	81.3	81.3	81.5	81.5	82.3	82.3	82.8	83.8
≥ 2000	67.1	80.1	82.7	83.2	84.2	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.8	85.8	86.4	87.3
≥ 1800	67.1	80.1	82.7	83.2	84.2	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.8	85.8	86.4	87.3
≥ 1500	67.3	81.3	84.2	85.2	86.2	86.5	86.5	86.7	86.7	86.7	86.9	86.9	87.7	87.7	88.3	89.3
≥ 1200	68.0	82.7	85.8	86.9	87.9	88.3	88.3	88.5	88.5	88.5	88.7	88.7	89.5	89.5	90.1	91.0
≥ 1000	68.2	83.6	86.7	87.9	89.1	89.7	89.7	89.9	89.9	89.9	90.1	90.1	90.8	90.8	91.4	92.4
≥ 900	68.2	83.8	86.9	88.1	89.3	90.1	90.1	90.4	90.4	90.4	90.6	90.6	91.4	91.4	92.0	93.0
≥ 800	68.2	84.0	87.1	88.3	89.5	90.4	90.4	90.8	90.8	90.8	91.0	91.0	91.8	91.8	92.4	93.4
≥ 700	68.2	84.0	87.3	88.5	89.7	90.6	90.6	91.0	91.0	91.0	91.2	91.2	92.0	92.0	92.6	93.6
≥ 600	68.2	84.6	88.1	89.3	90.6	91.8	91.8	92.2	92.4	92.4	92.6	92.6	93.6	93.6	94.2	95.1
≥ 500	68.4	84.8	88.3	89.7	91.2	92.4	92.6	93.0	93.6	94.0	94.2	94.2	95.1	95.1	96.1	97.1
≥ 400	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.4	94.0	94.3	94.5	94.5	95.5	95.5	96.5	97.5
≥ 300	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	94.9	95.3	95.3	97.1	97.1	98.2	99.2
≥ 200	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.7	97.7	98.8	99.8
≥ 100	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.9	97.9	99.0	100.0
≥ 0	68.4	84.8	88.3	89.7	91.2	92.8	93.0	93.6	94.2	95.3	95.9	95.9	97.9	97.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

20-62,74-76
YEARS

NOV
DATA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	38.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.5	43.5	43.5	43.7	43.7	44.2	44.8
≥ 20000	46.4	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.5	51.5	51.5	51.7	51.7	52.2	52.8
≥ 18000	46.4	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.5	51.5	51.5	51.7	51.7	52.2	52.8
≥ 16000	46.4	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.5	51.5	51.5	51.7	51.7	52.2	52.8
≥ 14000	47.0	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.9	52.0	52.0	52.0	52.2	52.2	52.8	53.4
≥ 12000	48.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.0	54.0	54.0	54.2	54.2	54.8	55.4
≥ 10000	50.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.9	56.9	56.9	57.1	57.1	57.7	58.3
≥ 9000	50.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.9	56.9	56.9	57.1	57.1	57.7	58.3
≥ 8000	52.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.9	59.1	59.1	59.1	59.3	59.3	59.8	60.4
≥ 7000	55.2	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.4	62.4	62.4	62.6	62.6	63.2	63.7
≥ 6000	55.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.4	63.4	63.4	63.5	63.5	64.1	64.7
≥ 5000	56.9	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.9	65.1	65.1	65.1	65.3	65.3	65.9	66.5
≥ 4500	57.7	65.1	65.3	65.5	65.5	65.5	65.5	65.5	65.7	65.9	65.9	65.9	66.1	66.1	66.7	67.3
≥ 4000	60.6	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.8	68.8	68.8	69.0	69.0	69.6	70.2
≥ 3500	63.5	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.9	72.1	72.1	72.1	72.3	72.3	72.9	73.5
≥ 3000	68.4	77.0	77.2	77.4	77.8	77.8	77.8	78.0	78.2	78.4	78.4	78.4	78.6	78.6	79.1	79.7
≥ 2500	71.3	80.1	80.3	80.5	80.9	80.9	80.9	81.1	81.3	81.5	81.5	81.5	81.7	81.7	82.3	82.9
≥ 2000	72.9	83.0	83.2	83.4	84.0	84.0	84.0	84.2	84.4	84.6	84.6	84.6	84.8	84.8	85.4	86.0
≥ 1800	72.9	83.0	83.4	83.6	84.2	84.2	84.2	84.4	84.6	84.8	84.8	84.8	85.0	85.0	85.6	86.2
≥ 1500	72.9	84.2	84.8	85.6	86.2	86.2	86.2	86.4	86.9	87.3	87.5	87.5	87.7	87.7	88.3	88.9
≥ 1200	73.7	85.8	86.5	87.5	88.3	88.3	88.3	88.5	89.1	89.5	89.7	89.7	89.9	89.9	90.4	91.0
≥ 1000	73.7	86.5	87.3	88.3	89.3	89.3	89.3	89.5	90.1	90.4	91.2	91.2	91.4	91.4	92.0	92.6
≥ 900	73.7	86.5	87.5	88.7	89.7	89.7	89.7	89.9	90.4	90.8	91.6	91.6	91.8	91.8	92.4	93.0
≥ 800	73.7	87.1	88.3	89.5	90.6	90.6	90.6	90.8	91.4	91.8	92.6	92.6	92.8	92.8	93.4	94.0
≥ 700	73.7	87.1	88.7	90.1	91.2	91.2	91.2	91.4	92.0	92.4	93.2	93.2	93.4	93.4	94.0	94.5
≥ 600	73.9	87.5	89.3	90.8	92.0	92.4	92.4	92.6	93.2	93.6	94.3	94.3	94.5	94.5	95.1	95.7
≥ 500	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.0	94.5	95.1	95.9	95.9	96.5	96.5	97.1	97.7
≥ 400	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.0	94.5	95.5	96.7	96.7	97.3	97.3	97.9	98.4
≥ 300	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.2	94.7	95.7	96.9	96.9	97.7	97.7	98.4	99.0
≥ 200	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.2	94.7	95.9	97.1	97.1	98.1	98.1	98.8	99.4
≥ 100	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.2	94.7	95.9	97.1	97.1	98.1	98.2	99.4	100.0
≥ 0	73.9	87.9	89.7	91.8	93.0	93.4	93.4	94.2	94.7	95.9	97.1	97.1	98.1	98.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT WENNS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS -151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	44.5	44.7	44.7	44.7	44.7	44.7	44.9	44.9	45.1	45.3	45.3	45.3	45.3	45.5	45.5
≥ 20000	47.5	51.0	51.2	51.4	51.4	51.4	51.4	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.2	52.2
≥ 18000	47.8	51.2	51.4	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.4	52.4
≥ 16000	47.8	51.2	51.4	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.4	52.4
≥ 14000	48.6	52.0	52.2	52.4	52.4	52.4	52.4	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.2	53.2
≥ 12000	50.6	54.3	54.5	54.7	54.7	54.7	54.7	54.9	54.9	55.1	55.3	55.3	55.3	55.3	55.5	55.5
≥ 10000	52.0	56.5	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.7	57.7
≥ 9000	52.2	56.7	56.9	57.1	57.1	57.1	57.1	57.3	57.3	57.5	57.7	57.7	57.7	57.7	57.9	57.9
≥ 8000	55.5	60.3	60.5	60.7	60.7	60.7	60.7	60.9	60.9	61.1	61.3	61.3	61.3	61.3	61.5	61.5
≥ 7000	58.9	65.0	65.2	65.4	65.4	65.4	65.4	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.2	66.2
≥ 6000	60.3	66.4	66.6	66.8	66.8	66.8	66.8	67.0	67.0	67.2	67.4	67.4	67.4	67.4	67.6	67.6
≥ 5000	61.1	67.4	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.6	68.6
≥ 4500	61.5	67.8	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.6	68.8	68.8	68.8	68.8	69.0	69.0
≥ 4000	65.6	72.1	72.3	72.5	72.5	72.5	72.5	72.7	72.7	72.9	73.1	73.1	73.1	73.1	73.3	73.3
≥ 3500	68.2	75.1	75.3	75.5	75.5	75.5	75.5	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.3	76.3
≥ 3000	72.5	81.0	81.2	81.4	81.6	81.6	81.6	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.4	82.4
≥ 2500	75.3	85.0	85.4	85.6	85.8	86.0	86.2	86.4	86.4	86.6	86.8	86.8	86.8	86.8	87.0	87.0
≥ 2000	76.5	86.4	87.0	87.2	87.4	87.7	88.1	88.3	88.3	88.5	88.7	88.7	88.7	88.7	88.9	88.9
≥ 1800	76.5	86.4	87.0	87.2	87.4	87.7	88.1	88.3	88.3	88.5	88.7	88.7	88.7	88.7	88.9	88.9
≥ 1500	76.7	87.4	88.1	88.3	88.5	88.7	89.1	89.3	89.3	89.5	89.7	89.7	89.7	89.9	90.1	90.1
≥ 1200	77.5	88.7	89.5	89.7	89.9	90.1	90.5	90.7	90.7	90.9	91.1	91.1	91.1	91.3	91.5	91.5
≥ 1000	77.5	88.9	89.7	90.3	90.5	90.7	91.1	91.3	91.3	91.5	91.7	91.7	91.7	91.9	92.1	92.1
≥ 900	77.5	88.9	89.7	90.9	91.1	91.3	91.7	91.9	91.9	92.1	92.3	92.3	92.3	92.5	92.7	92.7
≥ 800	77.5	88.9	89.7	90.9	91.3	91.5	92.1	92.3	92.3	92.5	93.1	93.1	93.1	93.7	94.1	94.1
≥ 700	77.5	88.9	89.9	91.5	92.1	92.3	93.1	93.3	93.3	93.5	94.1	94.1	94.1	94.7	95.1	95.1
≥ 600	77.5	88.9	89.9	91.5	92.3	92.7	93.5	93.7	93.7	93.9	94.5	94.5	94.5	95.1	95.5	95.5
≥ 500	77.5	88.9	89.9	91.5	92.5	92.9	93.7	94.3	94.3	94.7	95.3	95.3	95.3	96.4	96.8	96.8
≥ 400	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	96.8	97.4	97.4	97.4	98.4	98.8	98.8
≥ 300	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	97.8	98.8	99.0	99.4
≥ 200	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	97.8	98.8	99.0	99.4
≥ 100	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	97.8	99.0	99.2	99.6
≥ 0	77.5	88.9	89.9	91.5	92.5	93.1	94.7	95.7	95.7	97.2	97.8	97.8	97.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62,74-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	46.8	52.4	53.4	53.7	54.2	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7
> 20000	49.9	57.0	58.0	58.3	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.3
≥ 18000	49.9	57.0	58.0	58.3	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.3
≥ 16000	49.9	57.0	58.0	58.3	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.3
≥ 14000	50.9	58.3	59.3	59.5	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
≥ 12000	50.9	58.8	59.8	60.1	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	61.1	61.1	61.1
≥ 10000	51.7	59.5	60.6	60.8	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8
≥ 9000	52.7	60.6	61.6	61.8	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 8000	55.0	63.6	64.6	64.9	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9
≥ 7000	57.5	68.4	69.5	69.7	70.2	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7
≥ 6000	58.3	69.2	70.2	70.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5
≥ 5000	59.8	70.7	72.0	72.5	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5
≥ 4500	60.3	71.5	72.8	73.3	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.3	74.3	74.3
≥ 4000	62.6	74.0	75.3	75.8	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1
≥ 3500	64.4	76.1	77.4	77.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4
≥ 3000	66.2	80.2	81.4	81.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5
≥ 2500	67.4	83.7	85.0	85.5	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.3	87.3	87.3
≥ 2000	68.7	85.5	86.8	87.3	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	89.1	89.1	89.1
≥ 1800	68.7	85.8	87.0	87.5	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6
≥ 1500	68.7	86.0	87.5	88.0	89.6	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥ 1200	68.7	86.0	87.5	88.0	89.6	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6
≥ 1000	68.7	86.0	87.5	88.0	89.6	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
≥ 900	68.7	86.0	87.5	88.0	89.8	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 800	68.7	86.0	87.5	89.1	91.1	91.6	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 700	68.7	86.0	87.5	89.1	91.6	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1
≥ 600	68.7	86.0	87.5	89.1	91.9	92.6	93.4	93.9	93.9	93.9	93.9	93.9	93.9	94.7	94.7	94.7
≥ 500	68.7	86.0	87.5	89.1	92.4	93.4	94.1	94.7	94.7	94.7	94.7	94.7	94.7	95.9	95.9	95.9
≥ 400	68.7	86.0	87.5	89.1	93.1	94.7	95.9	96.9	96.9	96.9	96.9	96.9	96.9	98.5	98.5	98.5
≥ 300	68.7	86.0	87.5	89.3	93.4	95.2	96.7	97.7	97.7	98.0	98.0	98.0	98.0	100.0	100.0	100.0
≥ 200	68.7	86.0	87.5	89.3	93.4	95.2	96.7	97.7	97.7	98.0	98.0	98.0	98.0	100.0	100.0	100.0
≥ 100	68.7	86.0	87.5	89.3	93.4	95.2	96.7	97.7	97.7	98.0	98.0	98.0	98.0	100.0	100.0	100.0
≥ 0	69.7	86.0	87.5	89.3	93.4	95.2	96.7	97.7	97.7	98.0	98.0	98.0	98.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

393

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

60-62.75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.7	51.4	53.0	53.8	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	44.9	53.8	55.5	56.7	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	45.7	54.7	56.3	57.5	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	47.8	57.1	58.7	59.9	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	49.4	59.5	61.1	62.3	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	51.4	62.0	64.4	65.6	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	53.4	66.8	68.4	69.6	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	54.7	70.0	71.7	72.9	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	55.9	71.3	72.9	74.1	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	55.9	72.1	73.7	74.9	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	55.9	72.5	74.1	75.3	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	57.5	74.1	75.7	76.9	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	59.5	76.1	77.7	78.9	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	60.7	78.9	81.4	82.6	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	61.1	80.2	82.6	83.8	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	61.9	83.4	85.8	87.0	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	61.9	83.4	85.8	87.4	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	61.9	84.2	87.9	89.5	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	61.9	84.2	87.9	89.5	90.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	61.9	84.2	87.9	89.5	90.3	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	61.9	84.2	87.9	89.9	90.7	91.9	92.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1
≥ 500	61.9	84.2	87.9	90.3	92.3	93.5	94.3	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1
≥ 400	61.9	84.2	87.9	90.3	92.7	94.7	95.5	96.4	96.4	96.4	96.4	96.8	96.8	97.6	97.6	97.6
≥ 300	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
≥ 200	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
≥ 100	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0
≥ 0	61.9	84.2	88.3	90.7	93.1	95.1	96.4	97.2	97.2	97.2	97.2	98.8	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 247

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.6 41.3	52.4 56.6	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2	54.0 58.2
≥ 18000 ≥ 16000	41.3 41.3	56.6 56.6	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2	58.2 58.2
≥ 14000 ≥ 12000	41.3 43.4	56.6 59.3	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8	58.2 60.8
≥ 10000 ≥ 9000	43.9 43.9	60.8 60.8	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4	62.4 62.4
≥ 8000 ≥ 7000	43.9 44.4	61.9 64.0	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6	63.5 65.6
≥ 6000 ≥ 5000	44.4 47.6	64.0 67.7	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3
≥ 4500 ≥ 4000	47.6 47.6	68.3 68.3	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8
≥ 3500 ≥ 3000	47.6 48.1	68.3 70.9	69.8 72.5	69.8 72.5	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0	69.8 73.0
≥ 2500 ≥ 2000	48.1 48.1	72.0 73.0	73.5 74.6	73.5 75.7	74.1 76.7	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2	74.1 77.2
≥ 1800 ≥ 1500	48.1 48.1	73.5 74.6	75.1 76.2	76.2 77.2	77.2 78.3	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4	77.8 79.4
≥ 1200 ≥ 1000	48.1 48.1	74.6 75.7	76.2 77.2	78.8 81.0	80.4 82.5	81.5 83.6	82.5 85.2	82.5 85.7	82.5 86.2	82.5 86.2	82.5 86.2	82.5 86.2	82.5 86.2	82.5 86.2	82.5 86.2	82.5 86.2
≥ 900 ≥ 800	48.1 48.1	75.7 75.7	77.2 77.2	81.0 81.0	82.5 82.5	83.6 83.6	85.2 86.8	85.7 87.8	86.2 87.8	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4
≥ 700 ≥ 600	48.1 48.1	75.7 75.7	77.8 77.8	81.5 81.5	83.1 84.7	84.1 85.7	87.3 88.9	88.9 90.5	88.9 90.5	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0	89.4 91.0
≥ 500 ≥ 400	48.1 48.1	75.7 75.7	77.8 78.3	81.5 82.0	85.2 86.2	86.2 87.8	89.4 91.0	91.0 93.1	91.0 93.1	91.5 94.2	91.5 94.2	91.5 94.2	91.5 94.2	91.5 94.2	91.5 94.7	91.5 94.7
≥ 300 ≥ 200	48.1 48.1	75.7 75.7	78.3 78.3	82.0 82.0	86.8 86.8	88.4 88.4	91.5 92.1	94.2 95.2	94.2 95.2	96.3 96.3	96.3 97.4	96.3 97.4	96.3 97.4	96.8 97.9	97.4 98.4	97.4 98.4
≥ 100 ≥ 0	48.1 48.1	75.7 75.7	78.3 78.3	82.0 82.0	86.8 86.8	88.4 88.4	92.1 92.1	95.2 95.2	95.2 95.2	96.3 96.3	97.4 97.4	97.4 97.4	97.4 97.4	98.4 98.4	98.9 98.9	98.9 98.9

TOTAL NUMBER OF OBSERVATIONS

189

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

40-62

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.2	50.3	50.3	51.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	41.8	52.9	52.9	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	41.8	54.1	54.0	56.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	41.8	56.1	56.1	58.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	41.8	57.7	57.7	59.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	43.9	59.8	59.8	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	43.9	60.8	60.8	63.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	46.6	63.5	63.5	65.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	46.6	65.1	65.1	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	46.6	65.1	65.1	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	46.6	66.1	66.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	46.6	66.1	66.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3000	47.6	68.3	68.3	70.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	47.6	68.8	68.8	70.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	47.6	70.9	70.9	73.0	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	47.6	73.0	73.0	75.1	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1500	47.6	73.0	73.0	75.1	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1200	47.6	73.5	74.1	76.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1000	47.6	73.5	74.1	77.2	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 900	47.6	73.5	74.1	77.8	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 800	47.6	73.5	74.1	77.8	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 700	47.6	73.5	74.1	77.8	82.5	83.6	83.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 600	47.6	73.5	74.1	77.8	83.1	84.1	84.1	84.7	84.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8
≥ 500	47.6	73.5	74.1	77.8	84.1	85.2	86.2	87.3	87.3	88.9	90.5	90.5	91.5	91.5	91.5	91.5
≥ 400	47.6	73.5	74.1	77.8	84.7	86.2	87.3	88.9	88.9	90.5	92.1	92.1	93.1	93.1	93.1	93.1
≥ 300	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	90.5	92.1	94.2	94.2	95.2	95.2	95.2	95.2
≥ 200	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	91.0	92.6	95.8	95.8	96.8	96.8	97.4	97.4
≥ 100	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	91.0	92.6	95.8	95.8	97.4	97.4	98.9	100.0
≥ 0	47.6	73.5	74.1	78.3	85.7	87.3	88.4	89.9	91.0	92.6	95.8	95.8	97.4	97.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

189

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 STATION FORT DEVENS AAF MASS

60-62,74-76 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	39.4 40.9	49.2 52.1	51.0 53.9	51.5 54.4	52.1 55.0	52.1 55.0	52.1 55.0	52.1 55.0	52.1 55.0	52.6 55.5	52.8 55.7	53.7 56.6	54.4 57.3	55.0 57.9	55.0 57.9	55.3 58.2
≥ 18000 ≥ 16000	40.9 40.9	52.1 52.1	53.9 53.9	54.4 54.4	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.0 55.0	55.5 55.5	55.7 55.7	56.6 56.6	57.3 57.3	57.9 57.9	57.9 57.9	58.2 58.2
≥ 14000 ≥ 12000	41.2 42.3	52.3 53.7	54.1 55.5	54.6 55.9	55.3 56.6	55.3 56.6	55.3 56.6	55.3 56.6	55.3 56.6	55.7 57.0	55.9 57.3	56.8 58.2	57.5 58.8	58.2 59.5	58.2 59.5	58.4 59.7
≥ 10000 ≥ 9000	46.1 46.5	58.6 59.7	60.4 61.5	60.9 62.0	61.5 62.6	61.5 62.6	61.5 62.6	61.5 62.6	61.5 62.6	62.0 63.1	62.2 63.3	63.1 64.2	63.8 64.9	64.4 65.5	64.4 65.5	64.7 65.8
≥ 8000 ≥ 7000	49.2 50.3	63.5 66.0	65.5 68.0	66.4 68.9	67.3 69.8	67.6 70.0	67.6 70.0	67.6 70.0	67.6 70.0	68.0 70.5	68.2 70.7	69.1 71.6	69.8 72.3	70.5 72.9	70.5 72.9	70.7 73.2
≥ 6000 ≥ 5000	50.6 52.6	66.4 68.7	68.5 70.7	69.4 71.6	70.2 72.5	70.5 72.7	70.5 72.7	70.5 72.7	70.5 72.7	70.9 73.2	71.1 73.4	72.0 74.3	72.7 74.9	73.4 75.6	73.4 75.6	73.6 75.8
≥ 4500 ≥ 4000	53.0 53.7	69.1 70.7	71.1 72.7	72.0 73.6	72.9 74.5	73.2 74.7	73.2 74.7	73.2 74.7	73.2 74.7	73.6 75.2	73.8 75.4	74.7 76.3	75.4 77.0	76.1 77.6	76.1 77.6	76.3 77.9
≥ 3500 ≥ 3000	53.9 54.4	71.1 73.6	73.2 75.6	74.0 76.5	74.9 77.4	75.2 77.6	75.4 77.9	75.4 77.9	75.4 77.9	75.8 78.5	76.1 78.7	77.0 79.6	77.6 80.3	78.3 81.0	78.3 81.0	78.5 81.2
≥ 2500 ≥ 2000	55.3 56.4	76.1 79.0	78.3 81.2	79.6 82.6	80.5 83.7	80.8 83.9	81.2 84.3	81.2 84.3	81.2 84.3	81.9 85.0	82.1 85.2	83.0 86.1	83.7 86.8	84.3 87.5	84.3 87.5	84.6 87.7
≥ 1800 ≥ 1500	56.4 56.6	79.2 79.9	81.4 82.3	82.8 83.7	83.9 84.8	84.1 85.2	84.6 85.7	84.6 85.7	84.6 85.7	85.2 86.4	85.5 86.6	86.4 87.5	87.0 88.1	87.7 88.8	87.7 88.8	87.9 89.0
≥ 1200 ≥ 1000	56.6 56.6	80.1 80.1	82.6 82.6	83.9 84.1	85.0 85.5	85.7 86.1	86.4 86.8	86.4 87.0	86.4 87.0	87.0 87.7	87.2 87.9	88.1 88.8	88.8 89.5	89.5 90.2	89.5 90.2	89.7 90.4
≥ 900 ≥ 800	56.6 56.6	80.1 80.1	82.6 82.6	84.3 84.3	85.7 86.1	86.4 86.8	87.0 87.5	87.2 87.7	87.2 87.7	87.9 88.8	88.1 89.0	89.0 89.9	89.7 90.6	90.4 91.5	90.4 91.5	90.6 91.7
≥ 700 ≥ 600	56.6 56.6	80.1 80.1	82.6 82.6	84.8 84.8	86.6 86.6	87.2 87.7	87.9 88.6	88.1 88.8	88.1 88.8	89.3 89.9	89.5 90.2	90.4 91.1	91.1 91.7	91.9 92.6	91.9 92.6	92.2 92.8
≥ 500 ≥ 400	56.6 56.6	80.1 80.1	83.0 83.0	85.5 85.7	87.9 88.1	89.3 89.5	90.4 90.6	90.8 91.1	90.8 91.1	92.2 92.4	92.4 93.1	93.3 94.0	94.0 94.6	94.9 95.5	94.9 95.5	95.1 95.7
≥ 300 ≥ 200	56.6 56.6	80.1 80.1	83.0 83.0	85.7 85.7	88.1 88.1	89.5 89.5	90.6 90.6	91.1 91.1	91.1 91.3	92.8 94.0	93.7 94.9	94.9 95.0	95.5 96.6	96.4 97.5	96.4 97.8	96.6 98.0
≥ 100 ≥ 0	56.6 56.6	80.1 80.1	83.0 83.0	85.7 85.7	88.1 88.1	89.5 89.5	90.6 90.6	91.1 91.1	91.3 91.3	94.0 94.0	94.9 94.9	96.2 96.2	97.5 97.5	98.4 98.4	99.1 99.1	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 447

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVELS AAF MASS
STATION NAME

40-42,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	47.7	48.4	48.8	48.8	48.8	49.2	49.2	49.4	49.8	49.8	50.0	50.0	50.6	50.8	51.4
≥ 20000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 18000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 16000	45.2	54.1	55.0	55.6	55.6	56.0	56.6	56.6	56.8	57.2	57.2	57.4	57.4	57.9	58.1	58.7
≥ 14000	45.5	54.5	55.4	56.0	56.0	56.4	57.0	57.0	57.2	57.6	57.6	57.8	57.8	58.3	58.5	59.1
≥ 12000	47.3	56.2	57.2	57.8	57.8	58.1	58.7	58.7	58.9	59.3	59.3	59.5	59.5	60.1	60.3	60.9
≥ 10000	51.0	60.3	61.2	62.0	62.0	62.4	63.0	63.0	63.2	63.6	63.6	63.8	63.8	64.3	64.5	65.1
≥ 9000	51.6	60.9	61.8	62.6	62.6	63.2	63.8	63.8	64.0	64.3	64.3	64.5	64.5	65.1	65.3	65.9
≥ 8000	53.9	64.7	65.7	66.7	67.2	67.6	68.2	68.2	68.4	68.8	68.8	69.0	69.0	69.6	69.8	70.3
≥ 7000	55.2	66.1	67.2	68.2	68.8	69.2	69.8	69.8	70.0	70.3	70.3	70.5	70.5	71.1	71.3	71.9
≥ 6000	55.8	66.9	68.2	69.2	69.8	70.2	70.7	70.7	70.9	71.3	71.3	71.5	71.5	72.1	72.3	72.9
≥ 5000	57.6	69.0	70.5	71.5	72.1	72.5	73.1	73.1	73.3	73.6	73.6	73.8	73.8	74.4	74.6	75.2
≥ 4500	58.1	70.3	71.9	72.9	73.4	73.8	74.4	74.4	74.6	75.0	75.0	75.2	75.2	75.8	76.0	76.6
≥ 4000	59.3	72.3	73.8	74.8	75.4	75.8	76.4	76.4	76.6	76.9	76.9	77.1	77.1	77.7	77.9	78.5
≥ 3500	59.9	73.3	74.8	75.8	76.4	76.9	77.7	77.7	77.9	78.3	78.3	78.5	78.5	79.1	79.3	79.8
≥ 3000	60.7	74.8	76.6	77.5	78.1	78.9	79.7	79.7	79.8	80.2	80.2	80.4	80.4	81.0	81.2	81.8
≥ 2500	62.6	78.1	79.8	81.0	81.6	82.4	83.1	83.1	83.3	83.7	83.7	83.9	83.9	84.5	84.7	85.3
≥ 2000	63.6	79.7	81.4	82.6	83.3	84.1	84.9	84.9	85.1	85.5	85.5	85.7	85.7	86.2	86.4	87.0
≥ 1800	63.6	79.7	81.4	82.6	83.3	84.3	85.1	85.1	85.3	85.7	85.7	85.9	85.9	86.4	86.6	87.2
≥ 1500	63.6	80.0	81.8	83.1	83.9	84.9	85.7	85.7	85.9	86.2	86.2	86.4	86.4	87.0	87.2	87.8
≥ 1200	63.8	80.2	82.0	83.3	84.3	85.5	86.2	86.2	86.4	86.8	86.8	87.0	87.0	87.6	87.8	88.4
≥ 1000	64.7	81.8	83.5	85.3	86.6	88.2	89.1	89.3	89.5	89.9	89.9	90.1	90.3	90.9	91.1	91.7
≥ 900	64.7	81.8	83.5	85.5	86.8	88.4	89.3	89.5	89.7	90.1	90.3	90.5	90.5	91.1	91.3	91.9
≥ 800	64.7	81.8	83.7	85.9	87.2	88.8	89.7	89.9	90.1	90.5	90.9	91.1	91.1	91.7	91.9	92.4
≥ 700	64.7	81.8	83.7	86.0	87.6	89.1	90.1	90.5	90.7	91.1	91.5	91.7	92.1	92.6	92.8	93.4
≥ 600	64.7	81.8	83.9	86.2	87.8	89.3	90.7	91.3	91.5	91.9	92.2	92.4	92.8	93.4	93.6	94.2
≥ 500	64.7	81.8	83.9	86.2	88.0	89.5	91.1	91.9	92.1	92.4	92.8	93.0	93.6	94.2	94.4	95.0
≥ 400	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.2	92.4	92.8	93.2	93.6	94.6	95.2	95.3	95.9
≥ 300	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	95.9	96.7	97.3	97.9
≥ 200	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	96.3	97.5	98.1	98.6
≥ 100	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	96.9	98.1	98.8	99.4
≥ 0	64.7	81.8	83.9	86.2	88.2	89.7	91.5	92.4	93.0	93.4	93.8	94.2	96.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 516

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENES AFB MASS
STATION NAME

60-62, 74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.6	48.9	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	50.1	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	50.1	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	50.1	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	50.5	56.8	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	51.7	58.2	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	53.9	60.8	61.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	54.1	61.2	61.4	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	58.2	65.5	65.7	66.3	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	58.8	66.9	67.1	67.7	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	59.0	67.3	67.5	68.3	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	60.8	69.3	69.5	70.3	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	60.8	69.5	69.7	70.5	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	63.8	72.7	72.9	73.7	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500	65.0	74.5	74.7	75.4	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	66.1	76.4	76.8	78.0	78.2	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	68.7	79.8	80.6	82.0	82.4	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2
≥ 2000	68.9	80.4	81.2	82.6	83.0	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 1800	68.9	80.6	81.4	82.8	83.2	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
≥ 1500	69.1	82.0	83.4	84.8	85.5	85.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9
≥ 1200	69.1	83.0	84.6	85.9	86.7	86.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3
≥ 1000	69.7	83.8	85.5	87.5	88.3	88.5	89.5	89.7	89.7	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥ 900	70.1	84.2	86.1	88.3	89.1	89.3	90.3	90.5	90.5	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 800	70.1	84.8	86.7	88.9	89.9	90.1	91.1	91.3	91.3	92.7	92.7	92.7	92.7	92.9	92.9	92.9
≥ 700	70.1	84.8	86.7	88.9	90.1	90.5	91.5	91.9	91.9	93.3	93.3	93.3	93.3	93.7	93.7	93.7
≥ 600	70.1	85.1	87.1	89.3	90.5	90.9	91.9	92.5	92.5	94.1	94.1	94.1	94.1	94.9	94.9	94.9
≥ 500	70.1	85.3	87.7	90.1	91.3	91.7	92.9	94.5	94.5	96.4	96.6	96.6	96.6	97.4	97.4	97.4
≥ 400	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.0	99.0	99.0
≥ 300	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.4	99.4	99.4
≥ 200	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	99.8
≥ 100	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	99.8
≥ 0	70.1	85.3	87.7	90.3	92.3	92.7	94.1	95.8	95.8	98.0	98.2	98.2	98.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

505

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FURT DEVERIS AAF MASS
STATION NAME

50-62,74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	47.9	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.4	50.4
≥ 20000	52.2	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.5	55.7	55.7
≥ 18000	52.8	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.9	56.1	56.1
≥ 16000	52.8	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.4	56.6	56.6
≥ 14000	53.0	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.4	57.6	57.6
≥ 12000	53.8	57.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9	59.1	59.1
≥ 10000	55.5	59.5	60.6	60.6	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.7	61.7
≥ 9000	55.9	60.4	61.4	61.4	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.5	62.5
≥ 8000	58.3	63.8	64.8	64.8	64.8	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.9	65.9
≥ 7000	60.0	66.5	67.6	67.6	67.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.9	69.1	69.1
≥ 6000	60.0	66.7	67.8	67.8	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.1	69.3	69.3
≥ 5000	61.2	68.4	69.5	69.5	69.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.8	71.0	71.0
≥ 4500	61.4	68.9	69.9	69.9	70.1	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.4	71.4
≥ 4000	62.9	71.4	72.5	72.5	72.7	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.9	73.9
≥ 3500	65.5	74.2	75.4	75.4	75.6	75.8	76.3	76.3	76.3	76.3	76.5	76.5	76.5	77.1	77.3	77.3
≥ 3000	67.6	76.3	77.5	77.5	78.0	78.2	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.9	80.1	80.1
≥ 2500	68.4	78.2	79.9	79.9	80.5	80.7	81.1	81.6	81.6	81.6	81.8	81.8	81.8	82.6	82.8	82.8
≥ 2000	68.9	79.0	80.7	80.7	81.4	81.6	82.2	82.6	82.6	82.6	82.8	83.1	83.1	83.9	84.1	84.1
≥ 1800	68.9	79.0	80.7	80.7	81.6	81.8	82.4	82.8	82.8	82.8	83.1	83.3	83.3	84.1	84.3	84.3
≥ 1500	68.9	80.1	82.0	82.4	83.7	84.1	84.7	85.2	85.2	85.4	85.6	85.6	85.6	86.4	86.7	86.7
≥ 1200	68.9	81.4	83.7	84.7	86.0	86.4	87.3	87.7	87.7	87.7	87.9	88.1	88.1	89.0	89.2	89.2
≥ 1000	68.9	82.0	84.5	85.6	87.5	88.1	89.2	89.6	89.8	90.5	90.7	90.7	90.7	91.5	91.7	91.9
≥ 900	68.9	82.4	85.0	86.0	87.9	88.6	89.6	90.0	90.3	90.9	91.1	91.1	91.1	91.9	92.2	92.4
≥ 800	68.9	82.8	85.4	86.7	88.6	89.2	90.3	90.9	91.1	91.7	91.9	91.9	91.9	92.6	93.0	93.2
≥ 700	68.9	82.8	85.4	86.9	89.0	89.6	90.9	91.9	92.2	93.0	93.4	93.4	93.4	94.3	94.5	94.7
≥ 600	68.9	83.1	85.6	87.5	89.6	90.7	91.9	92.6	94.1	94.9	95.6	95.6	95.6	96.4	96.6	96.8
≥ 500	68.9	83.1	85.8	87.7	90.0	91.1	92.6	94.9	95.3	96.2	96.8	97.0	97.0	97.9	98.1	98.3
≥ 400	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	98.3	99.4	99.6	99.8
≥ 300	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	98.3	99.6	99.8	100.0
≥ 200	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	98.3	99.6	99.8	100.0
≥ 100	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	98.3	99.6	99.8	100.0
≥ 0	68.9	83.1	85.8	87.7	90.0	91.3	93.0	95.3	96.0	97.2	98.1	98.3	98.3	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 472

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62, 74-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	47.2	54.4	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	56.2	56.2	56.2	56.5	56.5	56.5
≥ 20000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 18000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 16000	50.4	59.4	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.5	61.5	61.5
≥ 14000	50.7	60.4	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.8	62.8	62.8	63.1	63.1	63.1
≥ 12000	50.7	60.7	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	63.9	63.9	63.9
≥ 10000	51.7	61.7	64.1	64.1	64.6	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.4	65.4	65.4
≥ 9000	52.5	62.5	65.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	66.2	66.2	66.2	66.5	66.5	66.5
≥ 8000	53.8	64.9	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.6	68.6	68.6	68.9	68.9	68.9
≥ 7000	55.4	67.0	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.7	70.7	70.7	71.0	71.0	71.0
≥ 6000	55.9	67.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.5	71.5	71.5	71.8	71.8	71.8
≥ 5000	57.3	68.9	71.8	72.0	72.8	72.8	72.8	72.8	72.8	72.8	73.4	73.4	73.4	73.6	73.6	73.6
≥ 4500	57.5	69.7	72.6	72.8	73.6	73.6	73.6	73.6	73.6	73.6	74.1	74.1	74.1	74.4	74.4	74.4
≥ 4000	59.1	72.0	74.9	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.5	76.5	76.5	76.8	76.8	76.8
≥ 3500	59.9	73.9	77.0	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.6	78.6	78.6	79.2	79.4	79.4
≥ 3000	61.2	76.8	79.9	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.5	81.5	81.5	82.1	82.3	82.3
≥ 2500	61.5	77.8	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.6	82.6	82.6	83.1	83.4	83.4
≥ 2000	61.5	78.4	81.8	82.1	82.8	82.8	82.8	82.8	82.8	82.8	83.4	83.4	83.4	83.9	84.2	84.2
≥ 1800	61.5	78.4	81.8	82.1	82.8	82.8	82.8	82.8	82.8	82.8	83.4	83.4	83.4	83.9	84.2	84.2
≥ 1500	61.5	79.2	82.6	82.8	83.9	83.9	84.2	84.4	84.4	84.4	85.0	85.0	85.0	85.5	85.8	86.0
≥ 1200	61.5	79.2	82.6	82.8	83.9	83.9	84.2	84.4	84.4	84.4	85.0	85.0	85.0	85.5	85.8	86.0
≥ 1000	61.7	79.7	83.1	83.6	84.7	85.0	86.0	86.3	86.3	86.3	86.8	86.8	86.8	87.3	87.6	88.1
≥ 900	61.7	79.7	83.1	83.9	85.8	86.0	87.1	87.3	87.3	87.3	87.9	87.9	87.9	88.4	88.7	89.2
≥ 800	61.7	79.7	83.9	85.0	87.6	87.9	88.9	89.2	89.2	89.2	89.7	89.7	89.7	90.2	90.5	91.0
≥ 700	61.7	79.7	83.9	85.0	88.4	89.2	90.2	90.5	90.5	90.5	91.3	91.3	91.3	91.8	92.1	92.6
≥ 600	61.7	79.7	84.2	85.5	89.4	90.2	91.3	91.6	91.6	91.6	92.6	92.6	92.6	93.4	93.7	94.2
≥ 500	61.7	79.9	85.0	86.3	90.2	91.0	92.1	92.6	92.6	93.4	94.5	94.5	95.3	96.0	96.3	96.8
≥ 400	61.7	79.9	85.0	86.3	90.5	91.3	93.1	93.7	93.7	94.5	95.8	96.6	97.4	97.6	97.6	98.2
≥ 300	61.7	79.9	85.0	86.3	90.5	91.3	93.1	93.7	93.7	94.5	95.8	96.6	97.6	97.9	97.9	98.4
≥ 200	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5	100.0
≥ 100	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5	100.0
≥ 0	61.7	79.9	85.0	86.3	90.5	91.3	93.4	93.9	93.9	95.3	96.6	97.4	98.4	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 379

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04779 FORT DEVENS AAF MASS

60-62,75

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	43.9 47.0	54.9 60.1	56.1 61.3	56.1 61.3	56.5 61.7	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1	56.9 62.1
≥ 18000 ≥ 16000	47.0 47.0	60.1 60.1	61.3 61.3	61.3 61.3	61.7 61.7	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1
≥ 14000 ≥ 12000	47.0 48.6	60.1 62.1	61.3 63.2	61.3 63.2	61.7 63.6	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0	62.1 64.0
≥ 10000 ≥ 9000	49.0 51.0	62.8 65.2	64.8 68.0	64.8 68.0	65.2 68.4	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8	65.6 68.8
≥ 8000 ≥ 7000	51.0 51.8	68.0 68.8	71.1 71.9	71.1 71.9	71.5 72.3	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7	71.9 72.7
≥ 6000 ≥ 5000	51.8 53.0	69.2 71.5	72.3 74.7	72.3 74.7	72.7 75.1	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5	73.1 75.5
≥ 4500 ≥ 4000	53.0 53.0	71.5 72.7	74.7 76.3	74.7 76.3	75.1 76.7	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1	75.5 77.1
≥ 3500 ≥ 3000	53.0 53.4	72.7 76.3	76.3 80.2	76.3 80.2	76.7 80.6	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0	77.1 81.0
≥ 2500 ≥ 2000	53.4 53.4	77.1 78.3	81.0 82.6	81.0 82.6	81.4 83.4	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2	81.8 84.2
≥ 1800 ≥ 1500	53.4 53.4	78.3 78.7	82.6 83.4	82.6 83.8	83.4 84.6	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4	84.2 85.4
≥ 1200 ≥ 1000	53.4 53.4	78.7 79.4	83.4 84.2	83.4 84.2	85.0 86.2	86.2 87.4	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1	87.0 88.1
≥ 900 ≥ 800	53.8 53.8	79.8 79.8	84.6 84.6	84.6 84.6	86.2 86.2	87.4 87.4	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1
≥ 700 ≥ 600	53.8 53.8	79.8 79.8	85.0 85.0	85.0 85.0	86.2 86.2	87.4 87.4	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1
≥ 500 ≥ 400	53.8 53.8	80.2 80.2	85.4 85.4	85.4 85.4	86.2 86.2	87.4 87.4	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1
≥ 300 ≥ 200	53.8 53.8	80.2 80.2	85.4 85.4	85.4 85.4	86.2 86.2	87.4 87.4	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1
≥ 100 ≥ 0	53.8 53.8	80.2 80.2	85.4 85.4	85.4 85.4	86.2 86.2	87.4 87.4	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1	88.1 88.1

TOTAL NUMBER OF OBSERVATIONS 25

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779

FORT DEVENS AAF MASS

60-63

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	21.1	5.3	5.6	3.5	3.7	2.9	2.6	5.7	5.4	5.2	38.9	5.9	1923
FEB		24.3	4.0	4.2	4.5	3.9	2.8	2.1	4.0	4.6	4.7	41.3	5.9	1742
MAR		22.0	5.0	3.7	4.6	4.4	4.0	2.5	4.9	6.0	4.6	38.2	5.9	1938
APR		19.3	5.1	5.7	4.6	2.7	3.4	3.2	4.9	6.6	6.3	38.2	6.0	1845
MAY		17.1	5.3	5.1	6.1	4.8	3.5	3.1	4.4	7.3	5.5	37.7	6.1	1937
JUN		14.7	4.9	5.1	5.5	4.7	3.8	3.4	7.1	8.1	5.9	36.9	6.3	1872
JUL		14.1	6.4	5.7	6.2	6.0	5.2	4.2	7.5	10.8	6.8	27.2	5.8	1611
AUG		18.1	5.4	6.7	5.5	4.9	5.5	4.2	6.0	8.4	5.6	29.9	5.7	1935
SEP		22.8	6.1	5.6	5.4	4.2	3.5	2.4	4.5	5.2	4.1	36.2	5.5	1871
OCT		21.8	5.7	4.4	4.0	3.9	3.1	2.3	5.0	5.8	7.1	36.9	5.9	1426
NOV		18.0	5.1	6.3	6.7	4.1	3.6	3.6	4.0	4.9	5.4	38.5	5.9	1874
DEC		23.0	6.0	6.1	6.3	4.4	3.3	2.8	4.3	5.0	2.7	36.2	5.4	1937
TOTALS		19.7	5.4	5.4	5.3	4.3	3.1	3.0	5.2	6.5	5.3	36.3	5.9	22211

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779 FORT DEVENS AAF MASS

61-63

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	25.1	5.3	5.7	2.1	2.1	1.6	3.2	5.9	3.7	2.7	42.2	5.8	187
	03-05	27.7	3.7	9.0	1.6	1.1	2.7	1.6	4.3	3.2	4.3	41.0	5.6	188
	06-08	20.8	7.6	5.7	5.3	5.7	2.3	.8	3.8	4.9	6.1	37.1	5.7	264
	09-11	15.5	6.4	5.3	4.9	4.5	2.3	1.9	6.1	4.9	8.0	40.2	6.3	264
	12-14	13.6	4.5	4.9	5.3	2.3	4.9	4.9	9.8	4.9	9.1	35.6	6.4	264
	15-17	17.5	5.6	4.8	3.2	6.7	3.2	4.4	4.8	7.5	5.2	37.3	6.1	252
	18-20	21.8	4.4	5.2	5.2	2.8	4.4	1.2	5.2	7.1	3.2	39.7	5.9	252
	21-23	26.6	5.2	3.6	3.2	4.0	1.6	2.4	6.0	6.7	3.2	37.7	5.6	252
TOTAL		21.1	5.3	5.6	3.9	3.7	2.9	2.6	5.7	5.4	5.2	38.9	5.9	1923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63

PERIOD

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	33.9	3.0	2.4	1.2	3.6	1.8	2.4	3.0	2.4	3.6	42.9	5.5	168
	03-05	34.3	1.2	1.8	4.1	1.8	1.8	.6	6.5	4.1	3.0	40.8	5.5	169
	06-08	22.1	3.8	5.4	4.6	6.3	1.3	2.1	2.1	4.2	6.3	42.1	6.0	240
	09-11	20.4	4.6	4.2	5.4	2.9	3.3	1.3	2.5	4.6	6.3	44.6	6.2	240
	12-14	18.3	2.9	4.6	6.3	3.8	4.6	1.7	3.8	6.7	5.4	42.1	6.3	240
	15-17	15.3	7.0	5.2	3.9	5.7	2.6	2.2	6.1	5.7	7.4	38.9	6.2	229
	18-20	20.2	6.1	5.3	6.6	3.1	2.6	3.1	4.8	6.1	3.9	38.2	5.8	228
	21-23	29.8	3.1	4.4	3.9	3.9	4.4	3.1	3.1	2.6	1.3	40.4	5.4	228
TOTALS		24.3	4.0	4.2	4.5	3.9	2.8	2.1	4.0	4.6	4.7	41.3	5.9	1742

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	34.9	4.3	3.2	3.2	3.8	2.7	3.2	3.8	1.6	3.2	36.0	5.0	186
	03-05	28.5	5.4	5.4	4.8	4.3	3.8	2.7	3.8	4.3	4.3	32.8	5.1	186
	06-08	18.4	5.2	4.5	6.7	4.1	3.4	2.2	7.5	7.5	3.4	37.1	5.9	267
	09-11	14.6	5.6	6.0	3.0	6.4	5.0	3.4	5.2	10.1	4.9	34.8	6.1	267
	12-14	15.4	3.7	1.5	7.5	4.1	4.5	3.7	7.1	10.1	5.2	37.1	6.4	267
	15-17	16.5	4.3	3.1	4.7	4.3	4.7	2.0	3.9	7.5	7.5	41.6	6.5	255
	18-20	20.0	7.1	3.1	3.9	2.0	3.5	2.0	3.1	5.5	5.5	44.3	6.2	255
	21-23	27.5	4.3	3.1	3.1	6.3	3.5	.8	5.1	1.2	3.1	42.0	5.6	255
TOTALS		22.0	5.0	3.7	4.6	4.4	4.0	2.5	4.9	6.0	4.6	38.2	5.9	1938

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FURT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	37.2	1.1	4.4	3.3	4.4	4.4	2.8	5.0	3.3	3.3	30.6	4.7	180
	03-05	34.4	4.4	5.6	3.9	1.7	3.9	2.2	4.4	3.3	5.6	30.6	4.8	180
	06-08	20.4	7.5	7.1	5.5	2.7	2.4	2.4	3.9	5.1	6.3	36.9	5.7	255
	09-11	11.8	7.1	7.8	4.3	2.7	3.9	2.7	5.9	8.2	8.6	36.9	6.4	255
	12-14	8.2	4.3	4.7	3.1	2.4	2.7	4.7	5.1	8.2	8.2	48.2	7.3	255
	15-17	8.3	4.6	5.4	4.2	2.9	4.2	3.8	4.2	10.0	7.1	45.4	7.1	240
	18-20	11.7	7.1	6.7	5.8	3.8	3.3	3.8	6.3	7.9	5.8	37.9	6.3	240
	21-23	22.5	5.0	3.8	6.7	1.3	2.1	3.3	4.2	6.7	5.8	38.8	5.9	240
TOTALS		19.3	5.1	5.7	4.6	2.7	3.4	3.2	4.9	6.6	6.3	38.2	6.0	1845

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	37.1	3.8	7.0	3.8	1.6	2.7	2.2	1.6	2.7	.5	37.1	4.7	186
	03-05	25.5	6.6	5.7	7.1	3.8	2.4	2.4	3.3	4.7	4.2	34.4	5.2	212
	06-08	15.0	5.6	7.1	5.2	3.0	3.4	.7	6.4	8.2	7.9	37.5	6.2	267
	09-11	10.5	6.4	1.9	6.7	7.1	4.9	2.2	6.7	9.0	6.4	38.2	6.6	267
	12-14	7.2	4.9	1.9	5.3	6.8	4.2	7.2	4.9	8.0	11.4	38.0	7.0	263
	15-17	7.1	4.7	4.3	6.3	5.9	4.7	4.3	6.7	12.9	5.5	37.6	6.8	255
	18-20	11.8	5.1	6.3	6.3	5.1	4.3	3.1	3.5	8.6	4.7	41.2	6.5	255
	21-23	22.8	5.6	6.9	7.8	4.7	1.7	3.0	2.2	4.3	3.4	37.5	5.4	232
TOTALS		17.1	5.3	5.1	6.1	4.8	3.5	3.1	4.4	7.3	5.5	37.7	6.1	1937

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	34.4	9.4	2.2	2.2	3.3	3.3	2.2	4.4	2.2	2.2	33.9	4.7	180
	03-05	24.8	5.8	9.2	5.8	3.4	1.5	2.9	4.9	6.3	3.9	31.6	5.2	206
	06-08	15.1	4.3	6.2	7.0	2.3	2.3	2.7	7.0	7.4	6.2	39.5	6.3	258
	09-11	8.1	5.0	4.3	5.0	4.7	4.3	3.9	8.1	9.3	8.5	38.8	6.9	258
	12-14	.4	1.6	2.0	5.5	5.1	8.7	5.9	8.7	13.8	9.1	39.4	7.7	254
	15-17	.4	2.4	6.1	5.7	7.3	6.1	2.8	11.4	11.4	8.9	37.4	7.3	246
	18-20	11.4	6.5	4.1	7.3	4.1	2.0	2.0	8.9	10.2	5.3	38.2	6.5	246
	21-23	23.2	4.5	6.3	5.4	7.1	2.2	4.5	3.6	4.0	2.7	36.6	5.5	224
TOTALS		14.7	4.9	5.1	5.5	4.7	3.8	3.4	7.1	8.1	5.9	36.9	6.3	1872

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	32.3	7.5	8.1	7.0	4.3	6.5	1.6	2.2	6.5	1.1	23.1	4.1	186
	03-05	23.1	6.6	7.5	4.7	3.3	5.7	2.4	5.2	7.1	5.2	29.2	5.2	212
	06-08	13.3	8.0	6.1	3.8	5.3	1.9	2.7	7.2	10.2	5.7	36.0	6.2	264
	09-11	10.2	5.7	5.3	4.5	3.8	5.3	2.7	8.0	10.6	10.6	33.3	6.6	264
	12-14	2.3	1.5	5.0	4.2	8.1	6.6	6.9	10.8	15.1	10.8	28.6	7.1	259
	15-17	4.0	3.2	3.2	9.2	6.4	4.0	7.6	11.2	17.7	11.6	21.7	6.7	249
	18-20	7.6	9.2	4.0	6.8	10.4	6.0	6.0	9.6	12.4	5.6	22.1	5.8	249
	21-23	19.7	9.2	6.1	9.2	6.1	5.7	3.5	6.1	6.6	3.9	23.7	4.9	228
TOTALS		14.1	6.4	5.7	6.2	6.0	5.2	4.2	7.5	10.8	6.8	27.2	5.8	1911

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	36.6	5.4	6.5	3.8	4.8	4.3	3.2	2.2	2.2	2.2	29.0	4.3	186
	03-05	30.2	8.5	7.5	2.8	3.8	2.4	1.9	1.9	3.8	3.8	33.5	4.8	212
	06-08	14.2	9.4	7.9	4.9	2.2	1.1	4.5	4.9	12.7	7.1	31.1	5.9	267
	09-11	9.4	4.1	10.5	6.4	4.1	6.4	2.6	7.5	9.7	6.4	33.0	6.3	267
	12-14	5.7	1.5	3.0	5.7	5.3	11.0	6.5	8.4	12.9	9.5	30.4	6.9	263
	15-17	5.1	1.6	5.9	7.1	7.8	9.4	7.8	10.6	12.9	6.7	25.1	6.5	255
	18-20	11.9	7.5	7.1	6.3	7.1	6.7	4.7	7.5	8.3	7.1	25.7	5.7	253
	21-23	31.5	5.2	5.2	6.9	4.3	2.6	2.2	4.7	4.7	1.7	31.0	4.8	232
TOTALS		18.1	5.4	6.7	5.5	4.9	5.5	4.2	6.0	8.4	5.6	29.9	5.7	1935

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63
PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	33.9	5.4	6.5	2.2	2.2	1.1		3.8	1.6	5.4	38.2	5.1	186
	03-05	33.8	7.1	4.3	6.2	4.8	1.4	2.4	1.4	3.3	1.9	33.3	4.6	210
	06-08	19.0	9.7	6.2	4.7	4.3	3.1	3.9	5.0	4.3	9.3	30.6	5.5	258
	09-11	16.7	8.9	8.1	8.1	5.0	1.9	1.6	5.0	6.6	2.7	35.3	5.5	258
	12-14	11.9	5.5	5.9	6.3	4.7	5.1	3.6	6.3	9.5	4.7	36.4	6.3	253
	15-17	12.8	3.3	5.3	7.4	4.9	8.6	1.6	5.3	7.8	3.7	39.1	6.3	243
	18-20	21.9	4.5	4.5	4.5	3.7	3.7	3.7	5.0	5.8	2.9	39.7	5.9	242
	21-23	32.6	4.5	4.1	4.1	3.6	2.7	2.3	4.1	2.7	2.3	37.1	5.1	221
TOTALS		22.8	6.1	5.6	5.4	4.2	3.5	2.4	4.5	5.2	4.1	36.2	5.5	1871

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779 FLRT DEVENS AAF MASS 60-62 OCT
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	33.6	5.7	9.8	3.3	4.9	3.3	.8	1.6	1.6	4.1	31.1	4.5	122
	03-05	35.8	5.3	4.0	4.0	1.3	2.6	2.6	6.0	2.6	3.3	32.5	4.8	151
	06-08	18.1	4.9	2.5	3.9	2.9	1.5	2.9	7.4	6.4	10.8	38.7	6.5	204
	09-11	13.2	5.4	2.9	3.4	4.4	2.5	2.0	5.9	6.4	10.3	43.6	6.8	204
	12-14	11.1	6.0	1.5	3.5	3.5	4.0	3.0	6.0	11.6	7.5	42.2	7.0	199
	15-17	12.7	6.9	4.8	5.8	4.2	3.7	.5	6.3	7.4	9.0	38.6	6.4	189
	18-20	19.6	7.9	5.3	4.2	3.7	3.2	3.7	4.2	5.8	8.5	33.9	5.8	189
	21-23	30.4	3.6	4.2	4.2	6.0	4.2	3.0	2.4	4.8	3.0	34.5	5.1	168
TOTALS		21.8	5.7	4.4	4.0	3.9	3.1	2.3	5.0	5.8	7.1	36.9	5.9	1426

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

60-62
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVE	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.2	5.3	4.2	3.2	4.8	1.6	2.6	4.2	2.6	1.1	39.2	5.2	189
	03-05	26.5	4.8	4.2	4.8	3.2	4.8	1.6	4.8	5.3	.5	39.7	5.5	189
	06-08	26.6	5.2	6.0	6.4	4.1	2.6	2.6	3.0	4.9	4.9	33.7	5.2	267
	09-11	18.7	6.7	7.1	7.1	1.9	4.9	2.2	3.7	6.7	5.2	35.6	5.7	267
	12-14	14.2	3.7	6.7	10.1	4.1	4.5	4.5	7.1	7.5	2.2	35.2	6.0	267
	15-17	11.4	9.4	9.1	9.4	5.5	2.8	2.4	3.5	7.9	3.5	35.0	5.8	254
	18-20	25.4	8.3	6.0	5.2	5.6	2.0	3.2	4.0	2.0	2.0	36.5	5.1	252
	21-23	29.8	4.8	5.6	4.4	5.6	2.8	3.2	4.0	3.2	2.0	34.9	5.0	252
TOTALS		23.0	6.0	6.1	6.3	4.4	3.3	2.8	4.3	5.0	2.7	36.2	5.4	1927

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This distribution is derived from hourly observations and is presented by month and annual, all hours and combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

STATION

STATION NAME

61-63, 74-76

YEARS

MAXIMUM

MAXIMUM

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
04779 FORT DEVENS AAF MASS

DAILY TEMPERATURES

STATION

STATION NAME

61-63, 74-76

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
75						.7	4.0	.7					.5
70						8.2	14.8	7.2	.7				2.7
65					2.1	21.2	35.6	24.8	1.4				7.5
60				2.1	9.7	44.5	61.1	47.1	15.6	1.6	1.4		16.1
55				5.7	20.8	60.3	82.6	71.9	32.0	9.0	4.1		25.0
50			.7	8.5	36.1	84.2	93.3	87.6	55.8	21.3	8.3		34.4
45			2.8	17.7	60.4	97.2	99.3	98.0	74.1	36.1	12.4	.7	43.1
40	1.6	1.5	6.2	31.9	81.9	100.0	100.0	100.0	88.4	54.1	22.1	2.1	50.6
35	4.0	8.5	16.0	53.2	95.8				93.2	73.8	39.3	10.3	59.1
30	9.7	13.1	25.7	88.8	99.3				97.3	82.0	48.3	13.7	64.3
25	17.7	21.5	42.4	83.7	100.0				99.3	90.2	62.1	28.1	71.4
20	31.5	31.5	67.4	97.9					100.0	98.4	82.8	43.2	80.2
15	45.2	47.7	82.6	100.0						100.0	95.9	56.2	86.3
10	56.5	60.8	93.1								95.3	69.9	90.5
5	69.4	70.0	95.9								100.0	80.8	93.6
0	83.5	82.3	100.0									91.1	96.8
-5	94.4	90.8										97.3	98.5
-10	98.4	95.4										98.6	99.4
-15	99.2	97.7										100.0	99.8
-20		99.2											99.9
-25	100.0	100.0											100.0
MEAN	17.1	17.1	27.4	37.2	47.5	57.8	61.5	58.9	50.0	41.3	23.4	20.8	39.2
S.D.	11.881	13.023	8.528	8.568	8.216	7.743	7.341	7.517	8.648	9.287	10.026	11.312	18.173
TOTAL OBS.	124	130	144	141	144	146	149	153	147	122	145	146	1691

DATA PROCESSING BRANCH

USAF ETAC

AIR WEATHER SERVICE/MAC

04779 FORT DEVENS AAF MASS

61-63, 74-76

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85							1.3	1.3					.2
80					.7	3.4	14.8	4.6					2.2
75				1.4	4.9	25.3	35.6	20.9	2.0				7.9
70				4.3	11.1	47.9	65.8	53.6	10.2				17.0
65				6.4	29.9	68.5	88.6	75.8	30.6	5.7	3.4		27.0
60			.7	10.6	46.5	88.4	100.0	94.8	54.4	16.4	6.2		36.4
55			4.2	20.6	66.7	97.3		100.0	78.9	32.0	11.0	.7	44.2
50		.8	9.7	36.2	88.9	100.0			93.9	57.4	17.2	1.4	51.9
45	2.4	3.8	18.7	61.7	97.2				100.0	73.8	31.0	4.1	59.0
40	6.5	13.8	31.9	83.7	99.3					92.5	55.9	12.3	67.4
35	18.5	26.2	56.9	97.2	100.0					97.5	77.9	29.5	76.3
30	38.7	40.0	79.2	100.0						100.0	92.4	49.3	84.1
25	54.0	57.7	90.3								99.3	87.1	89.7
20	67.7	74.5	98.6								100.0	79.5	93.8
15	85.5	87.7	99.3									93.2	97.3
10	96.0	94.6	100.0									93.6	99.2
5	98.4	98.5										99.3	99.7
0	100.0	100.0										100.0	100.0
MEAN	25.3	26.8	36.6	48.2	59.2	68.6	72.4	69.6	68.4	50.9	41.8	28.7	49.0
S. D.	9.763	10.712	8.999	9.196	8.509	7.416	6.118	6.272	6.973	8.353	9.459	9.692	18.364
TOTAL OBS.	124	120	144	141	144	146	149	153	147	122	143	146	1491

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

50-63, 74-76

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-00-5 (OLA)

(AT LEAST ONE DAY < 24 HRS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

WHOLE DEGREES FANGENHEIT

[illegible]

NOTES * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

0-63,74-76

YEARS

ALL MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
102/101										.0								3	3			
100/99										.0			.0	.0				7	7			
98/97									.0	.0	.0	.0	.0	.0	.0			18	18			
96/95									.0	.0	.0	.0	.0	.0	.0			18	18			
94/93							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		43	43			
92/91				.0		.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0		101	101			
90/89						.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0		176	176			
88/87				.0	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0		270	270			
86/85					.0	.1	.1	.3	.3	.2	.1	.0	.0	.0				411	411	2		
84/83			.0	.0	.0	.2	.3	.3	.3	.2	.1	.1	.0					546	546	5	1	
82/81			.0	.0	.1	.3	.3	.3	.3	.2	.1	.0	.0	.0				598	598	11	3	
80/79			.0	.1	.2	.4	.4	.2	.3	.2	.1	.1	.0	.0	.0			671	671	31	2	
78/77		.0	.1	.2	.4	.4	.3	.3	.3	.2	.1	.0	.0					807	807	92	10	
76/75		.0	.1	.3	.4	.4	.4	.3	.3	.2	.1	.0	.0					833	883	201	34	
74/73	.0	.1	.3	.4	.3	.4	.3	.3	.3	.1	.0	.0						893	893	413	110	
72/71	.0	.2	.4	.3	.5	.3	.4	.3	.1	.1	.0	.0						936	936	701	188	
70/69	.0	.4	.5	.4	.4	.4	.4	.2	.1	.1	.0	.0						999	999	1049	389	
68/67	.1	.5	.5	.5	.4	.4	.3	.2	.2	.1	.0	.0						1132	1132	1210	690	
66/65	.1	.8	.5	.5	.5	.3	.2	.2	.2	.1	.0	.0						1147	1147	1215	918	
64/63	.1	.9	.5	.4	.3	.3	.3	.2	.1	.0	.0	.0						1087	1087	1358	1104	
62/61	.2	.9	.6	.4	.3	.3	.2	.2	.1	.0	.0							1138	1138	1480	1270	
60/59	.2	.9	.5	.4	.3	.3	.3	.2	.1	.0	.0							1097	1101	1475	1235	
58/57	.2	.8	.5	.4	.3	.3	.3	.2	.1	.0								1053	1058	1399	1254	
56/55	.3	.9	.5	.4	.4	.3	.2	.2	.0	.0								1083	1088	1152	1263	
54/53	.2	.9	.5	.4	.3	.3	.3	.1	.0									1044	1051	1188	1187	
52/51	.3	.8	.5	.3	.4	.4	.3	.0	.0									1008	1015	1175	1284	
50/49	.2	.8	.4	.3	.4	.4	.2	.0										977	983	1190	1186	
48/47	.2	.8	.4	.3	.5	.4	.1	.0										938	944	1110	1083	
46/45	.2	.7	.5	.6	.5	.4	.1											992	994	1002	1025	
44/43	.1	.7	.4	.6	.6	.3	.0											929	933	912	962	
42/41	.2	.7	.7	.7	.6	.2												1019	1024	1013	897	
40/39	.3	.7	.9	.8	.5	.1												1131	1132	1156	904	
38/37	.3	.8	1.0	.8	.3	.1												1117	1117	1199	854	
36/35	.3	1.0	1.2	.7	.2	.0												1216	1218	1370	914	
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAF ETAC

PSYCHROMETRIC SUMMARY

$$= 0.63, 74 = 76$$

ALL
MONTH

ALL
RS (L. S)

[illegible]

PSYCHROMETRIC SUMMARY

50-63,74-76

ALL
MONTH

PAGE 3

ALL
HOURS (L. S.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

04779 FORT DEFENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55				.1														2	2					
54/ 53			.1	.0														3	3					
52/ 51	.1	.2	.1	.0														10	10	5	4			
50/ 49	.1	.1	.1	.2	.0													14	14	10	7			
48/ 47	.1	.3	.2	.0	.1													18	18	8	4			
46/ 45	.1	.3	.2	.2	.1	.2												24	24	16	10			
44/ 43	.0	.2	.4	.6	.2													36	37	16	6			
42/ 41	.0	.6	.6	.8	.5													67	67	18	16			
40/ 39	.2	.5	1.7	.9	.4													100	100	41	22			
38/ 37	.1	.9	1.7	1.2	.2													94	94	59	27			
36/ 35	.2	1.6	2.1	1.4	.1	.2												145	145	109	23			
34/ 33	1.0	3.1	2.2	1.2	.1													199	199	163	59			
32/ 31	.6	2.0	2.6	1.1	.2													172	172	186	109			
30/ 29	.5	3.5	2.7	.8	.0													202	202	161	120			
28/ 27	.6	2.8	2.1	.8	.1													171	171	236	117			
26/ 25	.5	2.5	2.1	.8														152	152	178	139			
24/ 23	.3	2.5	2.3	.5														147	147	152	164			
22/ 21	.3	2.4	2.3	.2														139	139	141	137			
20/ 19	.5	2.6	3.2															169	169	164	126			
18/ 17	.3	3.1	2.0	.0														145	145	173	125			
16/ 15	.2	2.9	1.3															115	115	164	123			
14/ 13	.2	2.5	1.2															105	105	125	104			
12/ 11	.4	2.3	.7															91	91	112	140			
10/ 9	.3	2.6	.5															92	94	97	132			
8/ 7	.8	2.2	.2															82	82	107	101			
6/ 5	.6	1.5																55	55	81	135			
4/ 3	.5	.8																34	34	47	99			
2/ 1	.2	.9																29	29	30	122			
0/ -1	.2	.4																16	16	26	102			
-2/ -3	.1	.2																8	8	9	78			
-4/ -5	.1																	3	3	5	61			
-6/ -7	.2																	4	4	4	72			
-8/ -9																					47			
-10/-11	.0																	1	1	1	40			
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature								Total							
Rel. Hum									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

21-63, 74-76

FER
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67										.1								2	2		
66/ 65									.0	.0								2	2		
62/ 61								.1	.0									3	3		
60/ 59								.1	.0									3	3		
58/ 57		.0			.1		.1	.2										10	10		
56/ 55		.0	.0		.1		.1	.0										9	9	1	
54/ 53				.2	.0	.2	.2	.0										15	15	1	2
52/ 51				.1	.2	.3	.2	.1										24	24	2	
50/ 49		.2	.0	.1	.4	.2	.0											28	28	8	1
48/ 47		.1	.2	.2	.6	.4	.0											38	36	13	2
46/ 45		.0	.2	.4	.8	.3												44	44	15	5
44/ 43		.2	.5	.5	.8	.2												53	53	20	4
42/ 41	.0	.4	1.2	.8	.5	.2												87	87	42	8
40/ 39	.2	.7	1.2	1.5	.9	.0												119	119	75	17
38/ 37	.6	1.1	1.4	.9	.5	.2												123	123	117	35
36/ 35	.6	2.0	1.7	1.4	.5	.0												168	168	152	60
34/ 33	1.6	3.0	1.5	1.0	.5													203	203	198	95
32/ 31	1.4	1.7	1.7	1.2	.5													176	176	204	174
30/ 29	.6	1.8	1.9	1.6	.3													167	167	157	136
28/ 27	.6	2.1	1.4	1.2	.1													147	147	151	137
26/ 25	.6	2.2	2.6	1.2														175	175	178	137
24/ 23	1.2	2.2	2.5	.6														173	173	181	140
22/ 21	.7	2.6	2.1	.3														151	151	199	135
20/ 19	.5	2.1	2.1	.1														128	128	181	134
18/ 17	.4	2.1	1.3	.0														102	102	119	155
16/ 15	.3	2.1	.9															87	87	124	108
14/ 13	.5	1.3	.7															67	67	90	115
12/ 11	.2	1.2	.5															49	49	68	115
10/ 9	.2	1.4	.3															52	52	59	128
8/ 7	.2	1.4	.1															46	46	50	126
6/ 5	.2	1.4	.1															43	43	48	101
4/ 3	.5	1.1	.0															41	41	50	92
2/ 1	.3	1.2																40	40	41	70
0/ -1	.4	.8																30	30	42	52
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-1 (O) A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS LAF MASS
STATION STATION NAME

51-53, 74-76
YEARS

MAR
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77												.0						1	1						
76/ 75											.0	.1						3	3						
74/ 73						.0				.0								2	2						
72/ 71										.1								2	2						
70/ 69						.0	.0	.0	.1	.1	.1							13	13						
68/ 67					.1	.1	.0	.1	.2	.1	.1							21	21						
66/ 65				.1	.3	.0	.0	.1	.1	.1								18	18						
64/ 63				.0		.1	.1	.1	.2	.1								17	17	1					
62/ 61		.0		.2	.2	.1	.4	.2	.2									40	40	1					
60/ 59		.1	.1	.1	.1	.0	.1	.1	.2									26	26	8					
58/ 57		.0	.1	.1	.2	.2	.3	.2	.1									35	35	20	5				
56/ 55			.2	.2	.2	.3	.4	.2										45	45	14	3				
54/ 53			.3	.2	.2	.3	.4	.2										45	46	30	9				
52/ 51	.1	.3	.4	.2	.5	.6	.8	.1										92	92	34	16				
50/ 49	.1	.2	.2	.2	.6	.6	.6	.1										77	77	60	19				
48/ 47	.0	.2	.2	.2	.6	1.0	.5	.0										85	85	57	28				
46/ 45		.3	.5	.8	1.4	1.4	.5											148	148	57	24				
44/ 43		.3	.2	1.3	2.0	1.2	.1											154	154	71	29				
42/ 41		.4	1.0	1.6	1.6	1.1												173	173	88	27				
40/ 39	.0	.6	1.8	2.4	1.6	.4												203	203	130	47				
38/ 37	.5	1.2	1.8	2.3	1.1	.6												224	224	204	55				
36/ 35	.9	1.9	2.0	2.0	.9	.3												258	258	317	94				
34/ 33	1.4	3.6	3.1	1.2	.7													300	300	350	136				
32/ 31	1.8	3.0	1.9	1.6	.8													272	272	360	239				
30/ 29	.7	2.2	2.1	1.5	.1													195	195	302	215				
28/ 27	.3	1.1	1.6	1.1	.0													127	127	200	236				
26/ 25	.3	1.5	1.4	.5														111	111	187	268				
24/ 23	.2	1.2	.7	.1														64	64	138	224				
22/ 21	.2	1.3	.5	.1														60	60	109	215				
20/ 19	.1	1.3	.5	.1														56	56	70	157				
18/ 17	.4	.5	.3	.0														28	28	54	159				
16/ 15	.1	.6	.2															27	27	35	191				
14/ 13	.0	.2	.3															16	16	24	133				
12/ 11	.1	.2	.2															12	12	16	108				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

41-43,74-76

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
96/ 95															.0			1	1					
94/ 93															.2			5	5					
92/ 91													.1	.0	.1	.1		8	8					
90/ 89												.1	.1	.0		.1		7	7					
88/ 87											.1	.0	.0	.1	.1			11	11					
86/ 85										.0	.1			.0				5	5					
84/ 83										.1	.0	.1	.1					9	9					
82/ 81									.1	.1	.0	.0	.0	.0				8	8					
80/ 79								.0	.1		.2	.1						12	12					
78/ 77							.0	.0	.1	.1	.1	.0	.1					15	15					
76/ 75						.1	.1	.1	.0	.1	.1	.1	.1					21	21					
74/ 73						.1	.0	.1	.1	.1	.0	.1						14	14					
72/ 71					.1	.1	.2	.1	.1	.0	.0	.1						21	21					
70/ 69				.0	.1	.0	.1	.1	.3	.0	.2	.1						30	30	1				
68/ 67				.1	.2	.2	.1	.2	.3	.4	.2	.2						54	54	10				
66/ 65			.1	.4	.2	.3	.2	.4	.8	.3	.2							86	86	26				
64/ 63			.1	.3	.1	.3	.2	.6	.4	.2	.0							65	65	19				
62/ 61		.1	.0	.3	.2	.3	.2	1.0	.8	.2								89	89	35				
60/ 59		.1	.1	.1	.2	.5	1.0	.8	.4	.2								99	99	55				
58/ 57		.2	.1	.0	.2	.8	1.4	.8	.5	.0								120	120	46				
56/ 55		.3	.1	.3	.5	.9	1.2	1.2	.2									138	138	41				
54/ 53	.1	.9	.2	.6	.5	1.0	1.5	1.0	.0									168	168	64				
52/ 51	.3	1.0	.3	.3	.9	1.4	1.0	.3	.1									163	163	101				
50/ 49	.1	.4	.4	.4	1.3	1.9	.9	.1										162	162	137				
48/ 47	.3	.4	.7	1.0	2.0	1.5	.6	.1										191	191	184				
46/ 45	.6	.7	.7	1.5	1.7	1.2	.2											193	193	185				
44/ 43	.2	1.1	.9	1.5	1.8	1.1	.0											193	193	216				
42/ 41	.7	1.5	2.4	1.6	1.7	.3												240	240	287				
40/ 39	.8	1.6	1.4	1.3	1.4	.2												197	197	331				
38/ 37	.7	1.3	1.8	1.3	.6													167	167	304				
36/ 35	.8	1.1	1.6	.7	.1													124	124	245				
34/ 33	1.4	1.3	1.3	.7														135	136	237				
32/ 31		.9	.9	.3														60	60	154				
30/ 29	.0	1.3	.5	.1														54	54	99				
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

ALL

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
96/ 95													.0					1	1				
94/ 93											.1							4	4				
92/ 91									.1	.1	.1							7	7				
90/ 89								.1	.1	.1	.1							6	6				
88/ 87								.0	.3	.2			.0	.0				18	18				
86/ 85								.2	.3	.3	.1	.1	.0	.0	.0			30	30				
84/ 83							.0	.2	.2	.2	.1	.2	.0					27	27				
82/ 81						.0	.1	.2	.3	.3	.4	.1						40	40				
80/ 79						.2	.2	.2	.4	.3	.3	.1	.0					50	50				
78/ 77					.1	.1	.3	.4	.8	.7	.2	.2	.2					89	89				
76/ 75			.1	.2	.3	.2	.6	.7	.4	.1	.2							85	85	6			
74/ 73			.1	.2	.2	.4	.7	.8	.6	.2	.2							104	104	10			
72/ 71			.1	.2	.5	.2	.6	1.0	.4	.5	.2	.1						114	114	27			
70/ 69			.1	.3	.3	.5	.5	.6	.5	.4	.1	.1						101	101	35	6		
68/ 67		.1	.5	.5	.4		.9	.8	1.0	.5	.2							167	167	47	5		
66/ 65	.1	.9	.4	.4	.5	.3	.4	1.0	.8	.1	.0							151	151	82	37		
64/ 63	.0	.4	.3	.5	.5	1.0	1.1	.7	.3	.2	.1	.1						154	154	109	54		
62/ 61	.3	.7	.8	.3	.7	1.1	.9	.5	.2	.1	.0							168	168	149	88		
60/ 59	.1	.6	.8	.8	.6	.9	.7	.7	.1	.2	.1							172	172	205	78		
58/ 57	.1	1.1	.9	.6	1.3	.9	.7	.5	.1	.1								193	193	161	80		
56/ 55	.2	1.1	.9	.9	1.2	.9	.4	.2		.0								173	173	194	120		
54/ 53	.6	1.6	1.4	.9	.8	.7	.3	.1	.0									194	194	237	127		
52/ 51	.7	1.4	1.3	.9	.4	.7	.2		.0									164	164	292	130		
50/ 49	.5	2.1	1.4	.8	.9	.5	.1	.0										193	194	286	214		
48/ 47	.2	1.7	.9	.4	.5	.3	.1	.0										121	121	262	206		
46/ 45	.2	1.5	.7	.9	.3	.3												116	116	203	207		
44/ 43	.1	1.5	.9	.3	.2	.1												95	95	163	222		
42/ 41	.6	1.6	.5	.1	.2	.1												91	91	170	237		
40/ 39	1.1	1.2	.4	.2														87	87	170	241		
38/ 37	.3	.6	.3	.0		.0												39	39	84	187		
36/ 35	.1	.4	.2															23	23	44	166		
34/ 33	.1	.5																19	19	39	127		
32/ 31		.1																2	2	22	110		
30/ 29																				1	98		
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

ALL

HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.0				.0			2	2		
94/ 93							.0		.1	.0	.1	.1	.0	.0		.0		12	12		
92/ 91						.0			.1	.1	.3	.2	.1	.0				27	27		
90/ 89						.1	.0	.3	.5	.3	.2	.2	.1	.0				51	51		
88/ 87						.1	.2	.7	.4	.3	.3	.1						64	64		
86/ 85					.1	.2	.6	.7	.8	.5	.2	.0	.1					94	94		
84/ 83					.1	.3	1.2	1.1	.9	.7	.4	.4	.0					155	155		
82/ 81				.0	.2	.8	1.2	.7	.4	.7	.4	.3						143	143	2	
80/ 79				.2	.4	1.0	1.2	.6	.7	.7	.2	.3						159	159	4	
78/ 77			.1	.4	1.1	1.1	.9	.6	.6	.6	.3	.1						175	175	13	2
76/ 75		.1	.1	.8	1.4	1.0	1.1	.6	.7	.5	.0							187	187	37	4
74/ 73		.2	.6	.8	1.2	.8	.9	.6	.5	.4	.0							178	178	113	10
72/ 71		.3	1.2	1.0	1.1	.7	.9	1.0	.3	.2	.0							203	203	158	26
70/ 69		1.1	1.1	1.0	1.3	1.1	.7	.5	.2	.1	.0							214	214	257	70
68/ 67	.1	1.5	1.1	1.1	1.2	.6	.6	.2	.1	.0								198	198	281	194
66/ 65	.2	1.5	.7	.9	1.2	.9	.4	.3	.0	.0								188	188	279	215
64/ 63	.2	1.4	1.3	.7	.7	.5	.3	.2										158	158	275	245
62/ 61	.2	1.4	1.4	1.0	.4	.5	.1											150	150	275	262
60/ 59	.2	1.5	1.4	.7	.4	.3	.0											138	138	262	225
58/ 57	.2	1.7	1.4	.9	.5													142	142	278	254
56/ 55	.4	2.7	.8	.4	.1													132	132	228	232
54/ 53	.4	2.0	.9	.2														107	107	217	271
52/ 51	.4	1.1	.6	.1	.0													66	66	157	276
50/ 49	.3	.6	.5	.0														44	44	106	214
48/ 47	.1	.7	.1															29	29	43	147
46/ 45	.1	.3	.0															14	14	40	155
44/ 43	.0	.1																3	3	8	107
42/ 41		.1																2	2	1	59
40/ 39																				1	34
38/ 37																					15
36/ 35																					

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVERNS AAF MASS
STATION STATION NAME

41-53,74-76
YEARS

JUL
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
100/ 99													.0	.1					3	3				
98/ 97											.1	.1	.1	.1	.0				14	14				
96/ 95										.0	.1	.2	.0	.0					11	11				
94/ 93								.1	.1	.1	.1	.1	.1	.1					20	20				
92/ 91				.0		.0	.6	.2	.2	.2	.2	.2	.0						45	45				
90/ 89					.2	.3	.7	.4	.3	.1	.1	.1	.0						64	64				
88/ 87				.1	.0	.3	.3	.5	1.0	.4	.1	.1	.0						89	89				
86/ 85					.3	.3	.5	1.1	1.0	.6	.2	.0	.0						127	127	1			
84/ 83			.0	.1	.3	.7	1.0	1.5	1.0	.7	.2	.1							175	175	2	1		
82/ 81				.3	.4	1.1	1.3	1.5	1.1	.5	.3	.1							199	199	5	3		
80/ 79			.2	.7	.6	1.1	1.2	.9	.9	.4	.3	.3							199	199	20	1		
78/ 77			.4	.9	1.6	1.5	1.1	.9	.3	.2	.2	.1							219	219	55	5		
76/ 75		.2	.9	1.3	1.0	1.1	.7	.8	.5	.2	.1								212	212	98	18		
74/ 73	.1	.6	1.0	1.5	1.0	1.4	.8	.6	.4	.1	.0								226	226	158	77		
72/ 71		.6	1.9	1.0	1.3	1.0	.7	.5	.2	.0									215	215	259	89		
70/ 69	.0	.9	1.4	1.2	1.0	.8	.9	.5	.0										211	211	338	139		
68/ 67	.1	1.6	1.7	1.0	.7	1.0	.3	.1	.0										198	198	359	211		
66/ 65	.1	2.1	1.5	.9	.6	.4	.2	.0											179	179	316	272		
64/ 63	.4	3.0	1.4	.6	.5	.3	.1												193	193	339	365		
62/ 61	.5	2.0	1.0	.3	.5	.1	.0												131	131	309	357		
60/ 59	.4	1.7	.7	.7	.5	.0													121	121	250	308		
58/ 57	.3	.9	.3	.3	.0														56	56	213	285		
56/ 55	.4	.6	.5	.3															51	51	117	227		
54/ 53	.1	.5	.3	.1															30	30	84	152		
52/ 51		.5	.2																21	21	53	124		
50/ 49		.4	.2	.0															18	18	30	138		
48/ 47	.0	.3	.0	.0															11	11	21	108		
46/ 45		.2	.0																8	8	10	67		
44/ 43		.1																	2	2	10	51		
42/ 41																					1	31		
40/ 39																						14		
38/ 37																						3		
36/ 35																						1		
34/ 33																						1		
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMAR

YEARS

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

04779 FORT DEVENS 4AF MASS

51-63,74-76

SEP
MONTH

PAGE 1 ALL
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb		Wet Bulb	Dew		
92/ 91								.0	.0	.1								5	5				
90/ 89							.1	.1	.3	.1								18	18				
88/ 87						.0	.1	.1		.0								8	8				
86/ 85						.3	.2	.3	.0	.1	.0							28	28				
84/ 83				.0	.1	.2	.3	.1	.2	.1	.0	.1						31	31				
82/ 81			.0	.0	.2	.2	.3	.1	.2	.4	.1							48	48				
80/ 79			.1	.0	.3	.8	.2	.2	.3	.3	.1							71	71				
78/ 77			.2	.4	.7	.4	.4	.5	.7	.2	.1							111	111	9			
76/ 75		.0	.2	.4	.6	.6	.5	.6	.3	.4	.1							118	118	25			
74/ 73	.1	.1	.5	.7	.5	.7	.5	.7	.4	.2								130	130	48			
72/ 71	.1	.3	.8	.6	.9	.5	.7	.5	.3	.0								140	140	67			
70/ 69	.1	.7	.9	.7	.8	.7	1.0	.4	.2	.1								168	168	100			
68/ 67	.2	.8	.8	1.0	.7	1.4	.7	.6	.2									190	190	146			
66/ 65	.3	1.4	.8	.8	1.3	.6	.7	.5	.0									192	192	156			
64/ 63	.4	1.6	.5	1.0	.9	1.0	.8	.4										195	195	190			
62/ 61	.8	1.8	1.0	1.3	.6	.8	.5	.2										209	209	233			
60/ 59	.7	1.5	1.1	1.1	.7	.7	.6	.1										191	192	232			
58/ 57	1.2	2.3	1.2	.9	.3	.5	.0	.1										193	194	294			
56/ 55	1.2	2.2	1.0	.9	.5	.4	.1	.0										185	186	268			
54/ 53	.5	2.3	.7	.6	.1	.2												135	135	248			
52/ 51	.8	2.1	.9	.6	.3													140	142	193			
50/ 49	.6	2.3	.6	.2	.1													115	115	215			
48/ 47	.5	1.8	.5	.3	.1													96	96	164			
46/ 45	.2	1.4	.4	.2														63	63	109			
44/ 43	.1	1.0	.2	.1														41	41	72			
42/ 41	.0	.6	.1															22	22	50			
40/ 39	.1	.7	.1		.0													25	25	32			
38/ 37	.2	.4	.1															20	20	24			
36/ 35	.2	.6																23	23	22			
34/ 33	.1	.4																16	16	21			
32/ 31	.1	.2																9	9	16			
30/ 29	.1	.1																7	7	9			
28/ 27		.0																1	1	2			
26/ 25																							
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

9477-94321
USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62, 74-76
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83										.1								2	2					
82/ 81									.1	.0								3	3					
80/ 79						.0	.1	.0	.2	.0	.0							10	10					
78/ 77		.2			.0		.1	.2	.2	.1	.1							21	21	1				
76/ 75		.0			.1	.1	.3	.4	.1	.1								29	29	3	3			
74/ 73		.1			.1	.3	.2	.1	.3	.0								27	27	2	2			
72/ 71		.1	.0	.1	.3	.6	.3	.3	.1									40	40	1	2			
70/ 69		.1	.3	.2	.4	.4	.4	.1	.0									46	46	5	2			
68/ 67		.0	.2	.2	.8	.8	.3	.5	.3	.0								69	69	9	2			
66/ 65		.3	.7	.5	.5	.4	.3	.3	.5									84	84	30	5			
64/ 63	.1	1.0	.5	.6	.4	.5	.7	.3	.0									96	96	61	14			
62/ 61	.3	.9	.8	.7	.7	.6	.6	.5										118	118	96	49			
60/ 59	.3	.8	.8	.9	.7	.7	.8	.3	.0									121	121	96	61			
58/ 57	.2	.9	.8	.8	1.2	1.1	.6	.2	.0									133	133	108	65			
56/ 55	.3	1.5	1.2	1.7	1.3	.9	.4											171	171	101	93			
54/ 53	.9	2.0	1.1	.9	1.5	.9	.5											182	182	143	115			
52/ 51	.9	2.1	.9	.8	1.5	.4	.2											159	159	195	123			
50/ 49	.7	2.1	.8	.9	.9	.9	.2	.0										153	153	199	141			
48/ 47	.7	2.0	1.1	1.2	.8	.8		.0										153	153	200	154			
46/ 45	.5	2.1	1.2	1.8	.8	.2												154	154	183	131			
44/ 43	.4	2.1	1.0	.6	1.0	.4												126	126	156	143			
42/ 41	.3	1.6	1.2	.6	.8	.2												110	112	153	150			
40/ 39	.1	1.3	.7	.7	.5													77	77	137	130			
38/ 37	.1	1.1	.9	.3	.3													61	61	107	155			
36/ 35	.2	1.5	.4	.4	.1													59	60	107	133			
34/ 33	.3	1.2	.6	.1														52	54	86	152			
32/ 31	.3	1.3	.1	.0														43	45	72	105			
30/ 29	.0	.7	.1															19	19	49	84			
28/ 27		.4	.1															12	14	20	89			
26/ 25		.2																4	10	10	79			
24/ 23	.2	.1																6	6	10	57			
22/ 21																					43			
20/ 19																					22			
18/ 17																					17			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

 DCT
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
16/ 15																				.	14	
14/ 13																					3	
12/ 11																					2	
TOTAL	6.9	27.5	15.3	13.6	14.7	10.4	5.9	3.3	1.8	.4	.1								2355		2340	
																		2340		2340		

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

60-62, 74-76

NOV
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

60-62,74-76

DEC
MONTH

PAGE 1

ALI

HOURS (L. S. T.)

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/ 67							.0				.0	.1						4	4			
66/ 65					.0		.0				.0							3	3			
64/ 63				.0		.0	.0				.0							4	4			
62/ 61			.0		.0		.0											3	3			
60/ 59					.1	.1												4	4			
58/ 57				.0	.1	.0	.1											7	7	3		
56/ 55		.0	.1	.0	.1	.1		.0										9	9	2	1	
54/ 53		.1	.1	.1	.1	.1	.0	.0										16	16	4	2	
52/ 51		.2	.2	.1	.1	.0												18	18	14	4	
50/ 49	.0	.1	.2	.0	.1	.0												15	15	.3	6	
48/ 47	.1	.1	.3	.3	.1	.1												30	30	23	13	
46/ 45	.1	.2	.3	.4	.2	.3												45	45	24	17	
44/ 43	.2	.3	.4	.8	.4	.3												86	86	37	24	
42/ 41	.1	.2	.9	.9	.4	.0												91	91	51	34	
40/ 39	.3	.5	2.0	1.2	.5	.0												135	135	54	32	
38/ 37	.3	1.2	2.2	1.4	.9	.0												177	177	100	40	
36/ 35	.4	2.2	2.7	1.5	.4													214	214	173	45	
34/ 33	.6	2.8	2.4	1.2	.6													225	225	198	80	
32/ 31	1.2	3.3	2.5	1.6	.1													256	256	273	174	
30/ 29	.8	3.5	2.3	.8	.1													224	224	280	180	
28/ 27	.4	3.1	2.8	.6	.0													207	207	225	172	
26/ 25	.5	2.7	2.1	.7														180	180	230	199	
24/ 23	.8	3.2	1.2	.6														169	169	221	164	
22/ 21	.4	1.5	1.4	.3														108	108	171	203	
20/ 19	.2	2.2	1.6	.4														129	129	127	182	
18/ 17	.5	2.1	1.3	.2														123	123	122	161	
16/ 15	.4	1.9	.8															92	93	134	168	
14/ 13	.2	1.8	.6															79	79	93	156	
12/ 11	.6	1.2	.4															64	64	91	105	
10/ 9	.5	1.5	.3															69	69	84	96	
8/ 7	.3	1.2	.1															50	50	56	113	
6/ 5																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11/1/71

PSYCHROMETRIC SUMMAR

60-62, 74-76

DEC
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63

YEARS

JAN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
46/ 45		.5		.5																	2	2		
44/ 43		.5	.5	.5																	3	3	1	1
42/ 41	.5	1.6	1.1																		6	6	3	
40/ 39			1.1	.5																	3	3	5	2
38/ 37																							3	3
36/ 35		2.1	1.1																		6	6	3	2
34/ 33	1.1	2.7	1.6																		10	10	5	5
32/ 31	1.6	4.8	1.6																		15	15	14	11
30/ 29	1.6	4.3	1.6																		14	14	12	3
28/ 27	.5	2.1	.5																		6	6	15	13
26/ 25	.5	3.2	1.6																		10	10	9	3
24/ 23	1.1	3.2	2.1																		12	12	11	12
22/ 21		3.2	3.2																		12	12	4	11
20/ 19	1.6	4.3	2.1																		15	15	15	10
18/ 17	1.6	3.2	1.1																		11	11	16	3
16/ 15		2.1																			4	4	8	11
14/ 13		2.7																			5	5	7	6
12/ 11	1.1	3.2	.5																		9	9	7	5
10/ 9	.5	9.1	1.6																		21	21	9	8
8/ 7	.5	4.3																			9	9	19	13
6/ 5	.5	4.3																			9	9	12	12
4/ 3		1.1																			2	2	5	4
2/ 1		1.6																			3	3	1	11
0/ -1																							3	6
-2/ -3																								3
-4/ -5																								3
-6/ -7																								13
-8/ -9																								1
-10/-11																								2
-12/-13																								2
-14/-15																								4
-16/-17																								3
-18/-19																								1
Element (X)	Σ X ²		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-3 (OL JUN 71)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43		.5	1.1															3	3	1	
42/ 41		.5																1	1	1	1
40/ 39			2.7															5	5	2	
38/ 27		.5	1.6	1.1														6	6	2	2
36/ 35			1.6	.5														4	4	6	
34/ 33	1.1	3.2	.5															9	9	4	5
32/ 31	1.6	3.7	2.1															14	14	19	7
30/ 29	1.6	2.7	1.1															10	10	7	14
28/ 27	.5	4.3	1.1															11	11	15	5
26/ 25	1.6	3.7	.5															11	11	10	9
24/ 23	.5	2.7	.5															7	7	9	10
22/ 21	1.1	1.6	.5															6	6	8	10
20/ 19	1.6	6.4																15	15	6	10
18/ 17	.5	5.9	2.1															16	16	18	9
16/ 15	.5	2.1	.5															6	6	9	4
14/ 13		2.7	.5															6	6	8	6
12/ 11		3.7																7	7	6	7
10/ 9		4.3	1.1															10	10	8	10
8/ 7	2.7	5.9	.5															17	17	16	4
6/ 5	2.1	3.2																10	10	14	8
4/ 3	2.1																	4	4	9	11
2/ 1		3.7																7	7	4	6
0/ -1		1.1																2	2	5	15
-2/ -3		.5																1	1	1	5
-4/ -5																					6
-6/ -7																					4
-8/ -9																					6
-10/-11																					8
-12/-13																					2
-14/-15																					2
-16/-17																					1
-18/-19																					1
TOTAL	17.6	62.8	18.1	1.6														188	188	198	188
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.	986572		13322		70.9		15.085		188		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					93
Dry Bulb	99950		3780		20.1		11.317		188		1.5	79.1									93
Wet Bulb	86849		3485		18.5		10.907		188		3.0	85.1									93
Dew Point	62702		2214		11.8		13.996		188		24.7	89.0									93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0600-0800

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
52/ 51		.4																	2	2			
50/ 49		.2																	1	1	3	3	
48/ 47		.4	.4																4	4			
46/ 45			.4																2	2	2	1	
44/ 43			.2																1	1	2	1	
42/ 41		.2	.4	.9	.2														8	8	2		
40/ 39		.7	1.8	1.1	.4														18	18	4	2	
38/ 37	.2	1.6	1.1	.9	.2														18	18	12	5	
36/ 35	.4	1.8	2.2	.9	.2														25	25	17	10	
34/ 33	.7	3.4	3.1	1.1															37	37	29	11	
32/ 31	.7	2.5	2.5	.7	.4														30	30	33	13	
30/ 29	.4	2.0	2.5	.2															23	23	27	16	
28/ 27	.9	2.7	3.8	.2															34	34	30	26	
26/ 25	.4	2.5	2.0	.4															24	24	34	24	
24/ 23		2.7	2.7																24	24	24	23	
22/ 21	.2	2.2	2.5	.2															23	23	23	18	
20/ 19	.2	2.9	2.5																25	25	28	17	
18/ 17	.4	3.4	2.5																28	28	28	26	
16/ 15	.2	3.4	2.0																25	25	29	23	
14/ 13	.2	3.8	1.1																23	23	26	24	
12/ 11	.2	3.1	1.3																21	21	27	28	
10/ 9	.4	1.6	.7																12	12	17	20	
8/ 7	.7	2.7	.7																18	18	17	14	
6/ 5	.4	1.8																	10	10	15	21	
4/ 3	.2	.7																	4	4	8	24	
2/ 1		.2																	1	1	3	21	
0/ -1	.2																		1	1	2	15	
-2/ -3	.2	.2																	2	2	2	14	
-4/ -5																						6	
-6/ -7	.2																		1	1	1	12	
-8/ -9																						10	
-10/-11	.2																		1	1	1	6	
-12/-13																						5	
-14/-15																						2	
Element (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

41-63, 74-76

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L, S, T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55				.5														2	2					
54/ 53				.2														1	1					
52/ 51	.2			.2														2	2	2	1			
50/ 49	.5			.2														3	3	3	2			
48/ 47	.5	.2	.5	.2	.5													8	8	4	3			
46/ 45	.2	.5		.2		.2												5	5	4	3			
44/ 43		.2	1.0	1.0	.2													10	11	3	1			
42/ 41		.7	.7	1.7	1.2													18	18	5	5			
40/ 39		.7	2.2	2.6	.5													25	25	10	4			
38/ 37		.7	1.7	2.6	.2													22	22	11	5			
36/ 35		1.2	2.6	2.4	.2	.2												28	28	23	3			
34/ 33	1.2	3.6	2.6	2.2														40	40	42	6			
32/ 31		1.4	3.8	2.9	.7													37	37	31	24			
30/ 29	.2	3.4	4.1	2.4														42	42	30	16			
28/ 27	.2	2.4	2.9	2.2	.5													34	34	48	18			
26/ 25		1.2	2.4	1.0														19	19	33	28			
24/ 23		1.4	3.4	1.0														24	24	30	37			
22/ 21		1.0	3.1	.5														19	19	22	28			
20/ 19		1.0	7.0															33	33	23	23			
18/ 17		1.0	2.6															15	15	26	17			
16/ 15		.7	1.4															9	9	29	17			
14/ 13		1.4	.7															9	9	12	19			
12/ 11	.2	.7	1.0															8	8	13	21			
10/ 9			.2															1	1	7	22			
8/ 7		.5																2	2	2	22			
6/ 5		.2																1	1	3	15			
4/ 3																				1	15			
2/ 1																					11			
0/ -1																					15			
-2/ -3																					8			
-4/ -5																					6			
-6/ -7																					3			
-8/ -9																					6			
-10/-11																					5			
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76

YEARS

JAN
MONTH

PAGE 1 1800-20
HOURS (L. S. T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew I		
54/ 53			.3															1	1				
52/ 51		.3																1	1				
50/ 49	.3																	1	1		3		
48/ 47	.3																	1	1		1		
46/ 45		.9																3	3				
44/ 43				.3														1	1		3		
42/ 41		.9	1.5	.6														10	10		2		
40/ 39		.3	1.2	.6														7	7		2		
38/ 37	.6	1.2	1.2	.3	.3													12	12		9		
36/ 35		2.1	2.4	2.7														24	24		11		
34/ 33	.9	1.5	2.4	.9	.3													20	20		18		
32/ 31		1.5	3.5	.6														19	19		14		
30/ 29	.3	5.9	2.9	.9	.3													35	35		27		
28/ 27	.3	2.1	1.8	.9	.3													18	18		33		
26/ 25	.3	3.5	1.8	1.8														25	25		21		
24/ 23		2.9	4.4	.3														26	26		23		
22/ 21	.3	3.8	1.8															20	20		20		
20/ 19		2.4	3.8															21	21		35		
18/ 17		3.2	2.7	.3														21	21		18		
16/ 15		4.7	2.4															24	24		22		
14/ 13		2.7	2.7															18	18		25		
12/ 11	.6	1.2	.9															4	9		19		
10/ 9	.3	1.8	.6															9	9		12		
8/ 7	.3	1.2																5	5		10		
6/ 5		1.5																5	5		3		
4/ 3		.9																3	3		6		
2/ 1																					2		
0/ -1																							
-2/ -3																							
-4/ -5																							
-6/ -7																							
-8/ -9																							
-10/-11																							
-12/-13																							
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76

YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.3															1	1		
52/ 51		.3																1	1		
50/ 49	.3																	1	1	3	2
48/ 47	.3																	1	1	1	1
46/ 45		.9																3	3		1
44/ 43				.3														1	1	3	
42/ 41		.9	1.5	.6														10	10	2	3
40/ 39		.3	1.2	.6														7	7	2	2
38/ 37	.6	1.2	1.2	.3	.3													12	12	9	2
36/ 35		2.1	2.4	2.7														24	24	11	3
34/ 33	.9	1.5	2.4	.9	.3													20	20	18	6
32/ 31		1.5	3.5	.6														19	19	14	11
30/ 29	.3	5.9	2.9	.9	.3													35	35	27	15
28/ 27	.3	2.1	1.8	.9	.3													18	18	33	12
26/ 25	.3	3.5	1.8	1.8														25	25	21	20
24/ 23		2.9	4.4	.3														26	26	23	21
22/ 21	.3	3.8	1.8															20	20	20	17
20/ 19		2.4	3.8															21	21	35	18
18/ 17			3.2	2.7	.3													21	21	18	14
16/ 15		4.7	2.4															24	24	22	14
14/ 13		2.7	2.7															18	18	25	11
12/ 11	.6	1.2	.9															9	9	19	20
10/ 9	.3	1.8	.6															9	9	12	18
8/ 7	.3	1.2																5	5	10	16
6/ 5		1.5																5	5	3	23
4/ 3		.9																3	3	6	13
2/ 1																				2	18
0/ -1																					15
-2/ -3																					9
-4/ -5																					9
-6/ -7																					10
-8/ -9																					1
-10/-11																					5
-12/-13																					6
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
48/ 47			.4															1	1				
46/ 45		.8	.8															4	4	1			
44/ 43		.4																1	1	2			
42/ 41		.4																1	1	3	3		
40/ 39	.8	.4	.8															5	5	3	4		
38/ 37			.8															2	2	1	1		
36/ 35	.4	2.4	2.8	1.2														17	17	7	1		
34/ 33	2.8	1.6	2.0	.4														17	17	17	11		
32/ 31	.4	2.4	1.6	.4														12	12	9	6		
30/ 29		5.2	2.0															18	18	15	5		
28/ 27	.8	3.6	.4															12	12	22	14		
26/ 25	.4	2.4	1.6															11	11	14	15		
24/ 23		3.2	2.0	.4														14	14	5	14		
22/ 21		4.8	.8	.4														15	15	13	13		
20/ 19	.4	4.0	2.4															17	17	16	6		
18/ 17		5.2	1.2															16	16	17	8		
16/ 15	.4	6.3	1.6															21	21	22	5		
14/ 13	1.2	2.8	2.0															15	15	18	7		
12/ 11	.4	4.8	.8															15	15	14	19		
10/ 9	.4	5.2	.4															15	15	16	17		
8/ 7	.4	2.4																7	7	15	5		
6/ 5		2.4																6	6	10	23		
4/ 3		1.2																3	3	3	5		
2/ 1		1.6																4	4	4	8		
0/ -1		.4																1	1	3	12		
-2/ -3		.4																1	1	1	10		
-4/ -5																					12		
-6/ -7	.4																	1	1	1	8		
-8/ -9																					6		
-10/-11																					5		
-12/-13																					8		
-14/-15																					1		
TOTAL	9.163	924.2	2.8															252	252	252	252		
Element (X)	Σx²		Σx		X		°x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1218592		17044		67.6		16.194		252		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	146662		5474		21.7		10.516		252		1.1		75.3										93
Wet Bulb	125698		4996		19.8		10.304		252		1.3		80.5										93
Dew Point	85794		3068		12.2		13.892		252		22.9		85.6										93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

62-63

YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
44/ 43				.6														1	1			
42/ 41				.6														1	1			
40/ 39		.6		.6														2	2			
38/ 37				.6														1	1	2		
36/ 35			1.2															2	2	1		
34/ 33	1.2	5.4	2.4															15	15	9	3	
32/ 31	2.4	3.0																9	9	10	14	
30/ 29	1.8	4.2																10	10	16	3	
28/ 27	1.8	1.2	1.2															7	7	6	8	
26/ 25	1.8	2.4	3.0															12	12	6	10	
24/ 23	1.8	2.4	3.0															12	12	9	9	
22/ 21	.6	1.8																4	4	11	9	
20/ 19		4.8	3.6															14	14	11	1	
18/ 17		5.4	.6															10	10	6	4	
16/ 15	1.2	3.0																7	7	16	8	
14/ 13	1.8	3.0	.6															9	9	7	5	
12/ 11		3.0																5	5	7	12	
10/ 9		3.6	.6															7	7	5	7	
8/ 7		1.2																2	2	6	9	
6/ 5	.6	8.9																16	16	6	6	
4/ 3	.6	1.2																3	3	13	2	
2/ 1		3.0																5	5	4	5	
0/ -1	.6	4.2																8	8	8	7	
-2/ -3		1.2																2	2	5	3	
-4/ -5	1.2	.6																3	3	2	5	
-6/ -7																				1	6	
-8/ -9	.6																	1	1	1	6	
-10/-11																					6	
-12/-13																					5	
-14/-15																					8	
-16/-17																					5	
-18/-19																					2	
TOTAL	17.9	63.7	16.1	2.4														168	168	168	168	
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	859525		11631		69.2		18.030		168		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	80975		3125		18.6		11.696		168		7.0	73.0					84					
Wet Bulb	70714		2862		17.0		11.467		168		8.5	78.0					84					
Dew Point	54924		1622		9.7		15.333		168		26.5	82.5					84					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,74

YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
42/ 41				.6														1	1				
40/ 39				.6														1	1				
38/ 37	.6		1.2															3	3	1	1		
36/ 35		2.4	1.2															6	6	5			
34/ 33	1.8	2.9	1.2															10	10	8	6		
32/ 31	2.9	1.8	1.2															10	10	12	9		
30/ 29		1.8																3	3	6	5		
28/ 27	2.4	2.9																9	9	8	9		
26/ 25	.6	3.5	1.8															10	10	6	8		
24/ 23	1.8	4.7	1.2															13	13	10	7		
22/ 21	2.4	4.1	2.9															16	16	18	7		
20/ 19	.6	1.8	1.2															6	6	7	6		
18/ 17		1.8																3	3	6	9		
16/ 15	.6	3.5																7	7	8	4		
14/ 13	2.9	4.7																13	13	9	1		
12/ 11		.6																1	1	8	7		
10/ 9	.6	4.1																8	8	3	14		
8/ 7	.6	1.2																3	3	7	10		
6/ 5	1.2	1.8																5	5	4	2		
4/ 3	1.2	5.3	.6															12	12	5	4		
2/ 1	2.4	4.7																12	12	16	8		
0/ -1	1.2	2.4																6	6	10	4		
-2/ -3																				1	3		
-4/ -5	1.2	1.2																4	4	4	8		
-6/ -7	1.2																	2	2	2	1		
-8/ -9	.6																	1	1	1	3		
-10/-11	.6	.6																2	2	2	7		
-12/-13	.6	.6																2	2	1	8		
-14/-15		.6																1	1	1	6		
-16/-17																				1	4		
-18/-19																					5		
-20/-21																					1		
-32/-33																					1		
-34/-35																					1		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

51-63, 74

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76

YEARS

FEB
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
54/ 53							.5												2	2					
48/ 47				.2	.2														2	2					
44/ 43				.5															2	2	2				
42/ 41				.2															1	1	1				
40/ 39		1.0	1.0	.2	.2														10	10	1				
38/ 37	1.0	2.0	.7																15	15	17	6			
36/ 35	1.0	2.7	1.7																22	22	12	10			
34/ 33	1.5	3.2	2.2	.2															29	29	26	12			
32/ 31	2.0	2.0	2.7	.2															28	28	29	25			
30/ 29		2.7	.5	.7															16	16	17	16			
28/ 27	.5	2.0	1.2	.5															17	17	20	12			
26/ 25	1.0	2.9	2.2																25	25	18	16			
24/ 23	1.5	3.2	1.0																23	23	29	23			
22/ 21	1.2	4.2	.5																24	24	28	24			
20/ 19	.7	3.4	.7																20	20	19	16			
18/ 17	.7	3.9	.5																21	21	24	23			
16/ 15	.2	5.4	.7																26	26	21	16			
14/ 13	1.0	2.0																	12	12	25	14			
12/ 11	.5	1.5																	8	8	10	19			
10/ 9	1.2	2.5																	15	15	11	20			
8/ 7	.7	2.7																	14	14	12	22			
6/ 5	.2	1.5																	7	7	14	16			
4/ 3	1.7	2.0																	15	15	14	15			
2/ 1	.5	2.7																	13	13	10	11			
0/ -1	1.5	1.2																	11	11	16	12			
-2/ -3	1.0	.2																	5	5	7	4			
-4/ -5	.2	.7																	4	4	2	11			
-6/ -7	.5	.7																	5	5	6	11			
-8/ -9	.7	.5																	5	5	4	7			
-10/-11	.2	.2																	2	2	4	8			
-12/-13	.7	.2																	4	4	4	7			
-14/-15	.2	.2																	2	2	2	6			
-16/-17	.2	.2																	2	2	1	8			
-18/-19																					1	3			
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

FER
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

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USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

51-63,74-76
YEARS

FER
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/ 67										.5								2	2			
62/ 61								.2										1	1			
60/ 59									.2									1	1			
58/ 57					.2		.2	.5										4	4			
56/ 55			.2		.7		.2	.2										6	6			
54/ 53				.5	.2	1.2												8	8			
52/ 51				.2	.7	.7	1.2											12	12	2		
50/ 49		.5			.7	.7												8	8	3		
48/ 47		.2				.7	.2											5	5	8	1	
46/ 45				.7	.5	.9												16	16	4	3	
44/ 43		.2	1.6	.9	1.4	.2												19	19	12	1	
42/ 41		.7	2.8	.9	1.8	.5												29	29	10	3	
40/ 39	.5	.5	1.2	2.8	2.1													30	30	25	5	
38/ 37	.2	1.8	1.4	.9	.7	.9												26	26	31	7	
36/ 35	.5	3.0	1.6	3.2	1.2													41	41	36	12	
34/ 33	1.4	1.2	1.4	1.2	1.4													28	28	45	22	
32/ 31	.9	1.4	1.8	2.5	1.2													34	34	30	37	
30/ 29	.7	.7	2.1	3.5	.5													32	32	31	24	
28/ 27	.5	.9	.5	2.1	.2													18	18	24	19	
26/ 25	.2	1.8	2.3	1.8														27	27	36	28	
24/ 23	.9	1.2	3.0	.9														26	26	31	24	
22/ 21	.7	1.4	2.5															20	20	29	30	
20/ 19		.2	2.1															10	10	29	25	
18/ 17	.2	.9	2.8															17	17	15	30	
16/ 15		1.2	.7															8	8	12	12	
14/ 13																				12	19	
12/ 11		.2																1	1	3	16	
10/ 9		.5																2	2	1	17	
8/ 7		.2	.2															2	2	2	22	
6/ 5		.2																1	1	2	15	
4/ 3																				1	23	
2/ 1																					10	
0/ -1																					7	
-2/ -3																					2	
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENIS AAF MASS
STATION STATION NAME

61-63,74-76
YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
58/ 57					.3													1	1			
54/ 53								.3										1	1			
52/ 51						.6		.3										3	3			
50/ 49				.3	.3	.3												3	3	1		
48/ 47			.3		.9	.6												6	6			
46/ 45			.3	.3	1.5	.6												9	9	1		
44/ 43			.3	.3	.6													4	4	2		
42/ 41		.3	1.2	1.5	.3													11	11	4	2	
40/ 39		.9	.9	1.2	.6													12	12	10	2	
38/ 37	.9	.6	2.1	2.1	.9													22	22	17	4	
36/ 35	.9	1.2	.9	2.1	.3													18	18	18	6	
34/ 33	1.2	4.8	2.4	1.5	.3													34	34	22	6	
32/ 31	2.1	1.2	2.1	1.2	.3													23	23	42	24	
30/ 29	1.5	1.2	3.3	1.2	.9													27	27	20	21	
28/ 27	.3	3.3	3.6	.6														26	26	23	19	
26/ 25	.3	1.2	2.4	2.7														22	22	25	21	
24/ 23	.6	1.8	2.7	2.1														24	24	22	14	
22/ 21	.6	1.5	2.4	.3														16	16	26	14	
20/ 19	1.5	.9	2.1															15	15	26	23	
18/ 17	.3	1.2	2.1															12	12	12	26	
16/ 15		1.5	1.2															9	9	17	15	
14/ 13	.3	1.2	.6															7	7	9	19	
12/ 11		2.7	.6															11	11	8	12	
10/ 9		1.2																4	4	11	12	
8/ 7		.9																3	3	5	7	
6/ 5		.9	.3															4	4	2	11	
4/ 3		.3																1	1	4	12	
2/ 1		.6																2	2	1	10	
0/ -1																				2	7	
-2/ -3																					13	
-4/ -5																					7	
-6/ -7																					8	
-8/ -9																					4	
-10/-11																					2	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,76

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
46/ 45					.4													1	1					
44/ 43		.9																2	2					
42/ 41		.4																1	1	2				
40/ 39			1.3	.4														4	4	1	2			
38/ 37		.4	.9	.9														5	5	1				
36/ 35	.9	.9	3.9	.4														14	14	6	4			
34/ 33	4.8	3.5	.9	.4														22	22	20	5			
32/ 31	1.7	3.1	2.2															16	16	20	17			
30/ 29	1.7	1.7	4.4															18	18	17	8			
28/ 27	.4	3.1	1.7															12	12	12	12			
26/ 25	.4	2.6	4.4	.4														18	18	19	11			
24/ 23	1.7	2.2	3.1															16	16	12	18			
22/ 21	.4	2.6	2.6	.4														14	14	16	9			
20/ 19	.9	3.1	3.5															17	17	22	12			
18/ 17	.9	2.6																8	8	10	4			
16/ 15	.9	1.3	.9															7	7	12	16			
14/ 13		1.3	2.2															8	8	3	10			
12/ 11	.9	2.2	1.7															11	11	10	6			
10/ 9		1.3	.9															5	5	10	12			
8/ 7		4.8																11	11	5	12			
6/ 5		2.2																5	5	12	5			
4/ 3		1.7																4	4	6	10			
2/ 1	.4	1.7																5	5	6	2			
0/ -1		1.3																3	3	3	2			
-2/ -3		.4																1	1	2	1			
-4/ -5		.4																1	1	2	8			
-6/ -7																						7		
-8/ -9																						8		
-10/-11																						15		
-12/-13																						5		
-14/-15																						5		
-16/-17																						3		
TOTAL	16.2	45.9	34.5	3.1	.4													229	229	229	229			
Element (X)	Σ x ²		Σ x		x̄		e _x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	1106867		15303		66.8		19.222		229		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	145235		5235		22.9		10.588		229		1.8	66.0												
Wet Bulb	123765		4763		20.8		10.408		229		2.6	73.0												
Dew Point	87828		2924		12.8		14.882		229		19.8	80.0												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

62-63

YEARS

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55				.5														1	1			
54/ 53				.5	1.1													3	3			
52/ 51		1.1	.5	.5	.5	.5												6	6	2	1	
50/ 49	.5				.5													2	2	3	2	
48/ 47		.5	.5															2	2	2		
46/ 45				.5														1	1	3	1	
44/ 43						1.1												2	2	3	3	
42/ 41			.5		.5													2	2	1	1	
40/ 39		1.1	.5															3	3	1	2	
38/ 37	1.1	2.2	1.1	.5														9	9	8	1	
36/ 35	1.1	3.2	5.4	1.1	.5													21	21	5	7	
34/ 33	2.2	7.0	6.5	1.1														31	31	20	12	
32/ 31	3.2	7.5	4.8	1.1														31	31	32	11	
30/ 29	2.2	2.7	3.2	1.1														17	17	31	16	
28/ 27	.5	.5	5.9	.5														14	14	15	21	
26/ 25		5.9	2.7															16	16	17	19	
24/ 23	.5	3.8																8	8	19	8	
22/ 21	1.1		.5															3	3	9	17	
20/ 19		1.1																2	2	1	10	
18/ 17		1.6																3	3	2	14	
16/ 15																				3	11	
14/ 13		.5	.5															2	2	1	5	
12/ 11		.5	.5															2	2	1	10	
10/ 9		1.1																2	2	3	4	
8/ 7		1.1	.5															3	3	1	2	
6/ 5																				3		
4/ 3																					1	
-2/ -3																					2	
-8/ -9																					2	
-12/-13																					1	
-14/-15																					2	
TOTAL	12.44	1.43	3.9	7.5	3.2	1.6													186		186	
																		186		186		
Element (X)	ΣX ²		ΣX		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	1047471		13617		73.2	16.534	186		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	200417		5889		31.7	8.688	186			51.5					93							
Wet Bulb	169979		5419		29.1	8.087	186			69.0					93							
Dew Point	123919		4369		23.5	10.729	186		3.5	78.0					93							

9477-54321
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

62-63

YEARS

MAR
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
52/ 51	1.1																	2	2	2	1	
50/ 49	.5		1.1	.5														4	4	1	2	
48/ 47		1.1		1.1														4	4	1		
46/ 45		.5		.5														2	2	3		
44/ 43		.5		.5														2	2	2	3	
42/ 41			1.6	.5	.5													5	5	3	2	
40/ 39					1.1													2	2	1	1	
38/ 37	1.6	2.2																7	7	7	1	
36/ 35		1.6	4.3	1.6														14	14	5	5	
34/ 33	1.6	7.5	3.8	1.1														26	26	15	7	
32/ 31	3.2	10.2	.5	1.6														29	29	32	20	
30/ 29	2.2	5.4	4.8	1.1														25	25	31	18	
28/ 27	1.6	1.1	1.6	.5														9	9	12	14	
26/ 25	1.1	2.7	2.7															12	12	17	16	
24/ 23	.5	3.2	1.6															10	10	9	15	
22/ 21		4.3																8	8	14	9	
20/ 19	.5	3.2																7	7	10	9	
18/ 17	.5	1.1																3	3	5	12	
16/ 15	1.6	1.1																5	5	4	17	
14/ 13	.5	1.1																3	3	5	9	
12/ 11	.5																	1	1	1	7	
10/ 9		.5																1	1		7	
8/ 7		1.6																3	3	1	4	
6/ 5		1.1																2	2	3	1	
4/ 3																				2		
-2/ -3																					2	
-4/ -5																					1	
-10/-11																					1	
-12/-13																					2	
TOTAL	17.25	0.022	0	9.1	1.6														186		186	
																		186		186		
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1127486		14200		76.315		316		186		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	180323		5557		29.9		8.792		186			59.0							93			
Wet Bulb	156683		5173		27.8		8.322		186			73.0							93			
Dew Point	117632		4258		22.91		10.438		186		3.0	82.0							93			

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

MAR
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65					.2													1	1					
62/ 61					.4													2	2					
58/ 57																				1				
56/ 55						.2												1	1					
54/ 53			.2															1	1	2				
52/ 51		.4	.6	.2														6	6					
50/ 49		.6	.2	.4	.2													7	7	5	1			
48/ 47	.2	.2			.4													4	4	5	7			
46/ 45		.4	.2	1.0	.2	.4												11	11	5	3			
44/ 43		.6		1.0	.2	.2												10	10	5	4			
42/ 41		.4	1.0	.4	.6													12	12	4	3			
40/ 39		.8	2.0	1.4	.6													24	24	12	6			
38/ 37	.4	1.8	1.6	1.8	.4													30	30	17	4			
36/ 35	.6	2.4	2.0	1.8	.2													35	35	28	13			
34/ 33	1.2	5.5	2.8	.8	.2													52	52	52	17			
32/ 31	2.6	5.1	1.2	2.2	.2													56	56	59	42			
30/ 29	.8	4.9	2.0	.8														42	42	49	40			
28/ 27	.4	2.6	2.8	1.0														34	34	37	38			
26/ 25	.4	3.9	3.7	.4														41	41	39	40			
24/ 23	.4	3.0	1.4															24	24	34	24			
22/ 21	.6	1.6	1.4															18	18	38	25			
20/ 19	.2	4.7	1.2															30	30	19	29			
18/ 17	.8	1.4	.8															15	15	32	32			
16/ 15	.2	2.4	.2															14	14	15	22			
14/ 13		.6	.6															6	6	11	35			
12/ 11	.2	.8	.4															7	7	8	33			
10/ 9	.2	.4																3	3	6	17			
8/ 7		.4																2	2	3	17			
6/ 5	.2	.6																4	4	4	10			
4/ 3																				2	8			
2/ 1																					4			
0/ -1																					3			
-2/ -3																					3			
-4/ -5																					4			
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												Total			
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

21-63, 74-76

YEARS

• 4 AR
MONTH

PAGE 2 0600-0800
HOUR* (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT JEVENS AAF MASS
STATION STATION NAME

61-63,74-76

YEARS

MAP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
70/ 69									.2									1	1			
68/ 67									.4									2	2			
66/ 65					.2													1	1			
62/ 61				.2	.2	.4	.4	.4	.2									9	9			
60/ 59				.4	.4				.2									5	5			
58/ 57			.2	.2	.2	.2		.2										5	5	1		
56/ 55			.2	.6	.4	.4	1.2	.4										16	16	2		
54/ 53			.4	.6	.2	.2	.2	.4										10	10	6		
52/ 51		.2	.4	.6	.6	.4	.6											14	14	7	4	
50/ 49		.2			1.4	.2	.2											10	10	10	2	
48/ 47					.8	1.2	.4											12	12	11	6	
46/ 45		.4	1.0	1.6	1.0	1.6												28	28	9	5	
44/ 43	.2	.4	.4	1.6	2.7	.6												30	30	14	6	
42/ 41		1.0	1.4	2.2	2.5	1.6												44	44	22	5	
40/ 39	.2	.4	1.8	2.5	2.3	.2												38	38	30	13	
38/ 37	.2		2.3	3.9	1.6	.2												42	42	31	11	
36/ 35	.8	1.8	2.5	2.7	1.6	.2												49	49	55	14	
34/ 33	1.2	3.1	1.4	1.8	1.6													46	46	58	20	
32/ 31	2.0	1.4	2.0	1.8	1.2													42	42	68	46	
30/ 29		1.6	2.3	2.2	.4													33	33	37	40	
28/ 27		.8	1.8	2.2	.2													25	25	41	33	
26/ 25		.8	.8	.8														12	12	28	33	
24/ 23	.2	.8	1.2	.2														12	12	28	36	
22/ 21		1.0	.8	.4														1	11	21	35	
20/ 19		.8	.4	.2														7	7	15	31	
18/ 17			.2	.2														2	2	6	25	
16/ 15		.2	.4															3	3	4	32	
14/ 13			.2															1	1	3	26	
12/ 11																				2	25	
10/ 9			.2															1	1	1	15	
8/ 7																					14	
6/ 5																				1	7	
4/ 3																					7	
2/ 1																					1	
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

0477-54321
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

11AR
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT JEFFERS AAF MASS

01-63, 74-76

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75											.2	.2					2	2		
74/ 73										.2							1	1		
72/ 71										.2							1	1		
70/ 69						.2			.2	.2	.4						5	5		
68/ 67					.2	.2		.2	.4	.4	.4						9	9		
66/ 65				.2	.6	.2	.2	.2	.4	.2							9	9		
64/ 63				.2		.2	.2	.2	.4	.2							7	7		
62/ 61				.4	.4	.2		.4	.4								10	10	1	
60/ 59			.2		.2		.6		.6								8	8	4	
58/ 57				.2	.4	.2	.4	.4	.2								9	9	5	
56/ 55			.2	.2	.2	.8	.4	.6									12	12	5	1
54/ 53			.2		.6	.6											10	11	11	5
52/ 51		.4	.6	.4		1.8	1.6										24	24	8	4
50/ 49					1.2	1.4	1.2										19	19	15	2
48/ 47		.6	.6	.2	1.0	3.1	.4										30	30	14	9
46/ 45			.6	1.0	2.7	2.7	1.2										42	42	18	3
44/ 43		.4	.6	1.8	3.3	2.3	.6										46	46	13	5
42/ 41		.4	.6	2.0	2.0	2.1											36	36	28	9
40/ 39		1.0	2.5	3.1	2.3	.6											49	49	35	10
38/ 37	.2	.6	1.2	2.5	1.0	1.6											36	36	56	9
36/ 35	.8	1.2	1.6	1.2	1.0	1.0											34	34	1	21
34/ 33	1.0	1.8	1.2	1.2	1.0												31	31	59	22
32/ 31	1.2	1.2	1.4	1.2	1.8												34	34	45	38
30/ 29	.2	.6	1.0	1.6	.4												19	19	34	33
28/ 27	.2		.6	1.4													11	11	23	45
26/ 25		.2	.8	.4													7	7	28	42
24/ 23				.4													2	2	13	43
22/ 21		1.2															6	6	12	40
20/ 19			.2	.2													2	2	7	25
18/ 17																			1	20
16/ 15		.2															1	1	2	32
14/ 13																			1	21
12/ 11																				13
10/ 9																				12
Element (X)	Σ X ²		Σ X		X		e _x		No. Obs.		Mean No. of Hours with Temperature							Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

YEARS

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MCYTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

01-63,74-76

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77												.2						1	1		
76/ 75												.2						1	1		
74/ 73						.2												1	1		
72/ 71							.2			.2								1	1		
70/ 69								.2	.2	.4	.6							7	7		
68/ 67					.2	.6		.4	.4	.2								9	9		
66/ 65					.6			.2	.2	.4								7	7		
64/ 63						.2		.2	.2	.6								6	6	1	
62/ 61				.2			1.1	.6	.4									11	11		
60/ 59		.2	.4				.2	.4	.2									7	7	3	
58/ 57			.2			.2	.4	.8	.2									9	9	9	2
56/ 55			1.1	.2	.4	.4	.4	.2										13	13	5	1
54/ 53			.4			.4	.8	.6										11	11	8	3
52/ 51		.2	.2		1.5	1.1	2.1	.4										26	26	9	6
50/ 49		.2	.2	.2	.6	1.5	2.3	.4										26	26	15	7
48/ 47					.6	1.7	.8	.2										16	16	12	3
46/ 45		.4	.4	.6	2.9	2.9	1.9											44	44	10	3
44/ 43				1.1	3.8	2.5												35	35	25	4
42/ 41		.2	1.3	3.4	2.9	2.1												47	47	15	4
40/ 39		.2	2.3	1.7	1.9	.8												33	33	33	8
38/ 37	.6	.8	1.7	1.5	1.9	1.7												39	39	49	13
36/ 35	.9	1.3	1.9	.8	.8	.4												29	29	79	17
34/ 33	1.7	2.1	2.5	.2	1.1													36	36	69	23
32/ 31	.2	1.1	.6	1.1	1.1													19	19	31	36
30/ 29		.6	1.3	2.3														20	20	36	28
28/ 27		.4	.6	.2														6	6	16	31
26/ 25		.2	.2	1.1														7	7	18	52
24/ 23																				16	44
22/ 21		1.3	.2															7	7	4	32
20/ 19			.4															2	2	8	22
18/ 17																				1	27
16/ 15																				2	37
14/ 13																					15
12/ 11																					7
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

41-63, 74-76

YEARS

MAR
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

01-63, 74-76
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
68/ 67																		1	1						
64/ 63						.3	.3		.6									4	4						
62/ 61				.3	.3	.3	1.1											7	7						
60/ 59		.6		.3		.3		.6										6	6						
58/ 57		.3				.6	1.4											8	8	4	2				
56/ 55							.3	.3										2	2	2	1				
54/ 53			.6	.3		.3	1.1											8	8	3	1				
52/ 51			.3		.6	.3	.6	.3										7	7	2					
50/ 49		.6				1.1	.3											7	7	9	1				
48/ 47				1.1	.8	.3	2.0											15	15	8	2				
46/ 45			.8	.3	1.7	.6												12	12	7	5				
44/ 43		.6	.3	2.0	2.3	1.4												23	23	4	2				
42/ 41		.3	.6	1.7	2.0	1.1												20	20	15	1				
40/ 39			2.5	5.1	2.0	1.1												38	38	12	7				
38/ 37	.6	1.4	2.3	3.1	2.8	.6												38	38	21	9				
36/ 35	1.1	2.8	2.8	4.5	2.3													48	48	49	11				
34/ 33	1.7	2.3	3.1	2.3	.6													35	35	52	15				
32/ 31	.8	1.7	2.0	1.4	.6													23	23	47	31				
30/ 29	.6	.8	1.7	1.1														15	15	45	23				
28/ 27		1.1	.3	2.0														12	12	23	20				
26/ 25	1.1	.6		.3														7	7	19	42				
24/ 23		.6	.3															3	3	8	36				
22/ 21		1.1	.6															6	6	8	24				
20/ 19		.6	.6															4	4	5	18				
18/ 17			.6															2	2	5	23				
16/ 15			.6															2	2	3	21				
14/ 13			.3															1	1	1	14				
12/ 11																				1	10				
10/ 9																				1	10				
8/ 7																					8				
6/ 5																					6				
4/ 3																					3				
2/ 1																					3				
0/ -1																					1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

9477 54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

YEARS

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-2/ -3																					1	
-4/ -5																					1	
-6/ -7																					1	
-16/-17																					1	
TOTAL	5.9	15.3	20.1	25.7	15.8	8.2	7.1	1.4	.6									354	354	354	354	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FLRT DEWENS AAF MASS
STATION STATION NAME

61-63,76

YEARS

MAR
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
62/ 61		.4																1	1					
60/ 59																				1				
58/ 57				.4	.8	.4												4	4		1			
54/ 53			.4			.4												2	2					
52/ 51		.8	.8		.8	.4												7	7	4				
50/ 49			.4	.4														2	2	2	2			
48/ 47			.4		.4													2	2	4	1			
46/ 45		.4		.4	1.2	.8	.4											8	8	2	4			
44/ 43			.4	1.2	.8													6	6	5	2			
42/ 41		.8	.8	1.2														7	7		2			
40/ 39		1.6	.4	3.5	.8													16	16	6				
38/ 37		2.3	4.3	2.3														23	23	15	7			
36/ 35	1.9	1.6	5.8	1.6														28	28	22	6			
34/ 33	1.9	3.5	8.9	1.9	.4													43	43	25	20			
32/ 31	3.5	3.1	5.1	3.1														38	38	46	15			
30/ 29	2.3	3.1	2.7	1.2														24	24	39	17			
28/ 27	1.2	3.1	1.6	.4														16	16	33	34			
26/ 25	.8	1.2	1.6															9	9	21	24			
24/ 23		.4	1.6															5	5	9	18			
22/ 21		.4																1	1	3	33			
20/ 19		.4	.4															2	2	5	13			
18/ 17		.8	.4															3	3	2	6			
16/ 15		.4	.4															2	2	2	19			
14/ 13		.4	.8															3	3	2	8			
12/ 11			.8															2	2	3	3			
10/ 9		.4	.8															3	3	3	5			
8/ 7																				2	4			
6/ 5																				1	1			
4/ 3																					3			
2/ 1																					1			
-2/ -3																					2			
-4/ -7																					2			
-8/ -9																					1			
-10/-11																					1			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

11-43.76

YEARS

440
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

52-43

APR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

62-63, 75

YEARS

APD
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

01-63, 74-76

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73								.2										1	1			
70/ 69				.2	.2													2	2			
68/ 67					.2	.2												2	2			
66/ 65				.6	.2	.2	.2											6	6			
64/ 63			.2	.8	.2	.2	.2											8	8	2		
62/ 61		.2		1.0	.2	.2			.2									9	9	1		
60/ 59		.2	.4	.2	.4													6	3	9	2	
58/ 57			.2			.4	.2											4	4	8	4	
56/ 55		.4		.2	.4	.2	.2											7	7	8	4	
54/ 53	.2	.6	.2		.4	.4	.4											11	11	7	8	
52/ 51	.6	.6	.4	.6	.6	1.0	.2											20	20	10	16	
50/ 49	.2	.2	.6	.8	.4	.6	.2											15	15	6	2	
48/ 47	.6	1.0	.4	1.0	1.4	.4												24	24	14	8	
46/ 45	1.6	.4	.8	1.8	1.2	.6												32	32	22	17	
44/ 43	.4	1.4	1.4	2.4	.8	.4												34	34	22	13	
42/ 41	.8	1.8	4.5	3.7	1.8	.4												64	64	29	11	
40/ 39	1.0	2.7	3.5	1.6	2.4	.4												57	57	48	21	
38/ 37	.8	2.4	4.1	2.0	1.2													52	52	57	20	
36/ 35	.6	1.8	3.3	1.6	.2													37	37	57	31	
34/ 33	1.4	2.4	2.9	1.8														42	42	55	44	
32/ 31		1.4	2.0	.8														21	21	46	31	
30/ 29	.2	2.4	1.0															18	18	39	47	
28/ 27		1.0	.6															8	8	30	44	
26/ 25	.2	.8		.2														6	6	12	35	
24/ 23			.2															1	1	4	35	
22/ 21		.2	.2															2	2	1	31	
20/ 19		.2																1	1	3	20	
18/ 17																				1	16	
16/ 15																					16	
14/ 13																					5	
12/ 11																					5	
10/ 9																					1	
8/ 7																					1	
6/ 5																					1	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

01-63, 74-76
YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87											.2			.2				2	2						
84/ 83										.2								1	1						
82/ 81									.2			.2						2	2						
80/ 79									.2		.4							3	3						
78/ 77							.2		.6									4	4						
76/ 75						.4	.4	.2		.4								7	7						
74/ 73						.2			.2			.2						3	3						
72/ 71						.2	.2	.2	.2			.2						5	5						
70/ 69							.2	.2	.2									2	2						
68/ 67				.4	.2	.6	.2	.2	.4	.2								11	11	2					
66/ 65				.4	.4	.6		.4	.6		.2							13	13	4					
64/ 63			.2		.2	.4	.2	.6	.6	.4								13	13	5					
62/ 61			.2	.6	.4	.2	.4	1.2	.4	.4								19	19	7					
60/ 59		.2			.4	.6	1.6	.8		.2								19	19	11	4				
58/ 57		.4	.2			1.2	2.2	1.2	.4									28	28	14	5				
56/ 55			.2	.6	1.0	2.0	2.0	.2										30	30	9	6				
54/ 53		.2	.2	.6	.8	1.6	1.6	1.0										30	30	6	9				
52/ 51		1.2	.4	.2	2.4	2.0	.8	.6										38	38	13	10				
50/ 49	.2	.6		.2	1.8	2.8	1.2											34	34	27	13				
48/ 47	.8	.2		1.0	2.0	2.0	2.4											42	42	41	16				
46/ 45	.6	.4	.2	1.6	2.4	1.4	.4											35	35	43	11				
44/ 43	.2	1.0	.8	1.4	3.6	2.2												46	46	40	10				
42/ 41	.8	1.8	2.0	1.0	1.8	.6												40	40	48	16				
40/ 39	.4	1.0	.2	1.6	1.6	.2												25	25	58	23				
38/ 37	.4	.6	.2	.8	.8													14	14	58	24				
36/ 35	.6	.6	.2	.6														10	10	44	33				
34/ 33	.8		.8	.4														10	10	30	52				
32/ 31		.2	.2															2	2	14	29				
30/ 29		.2	.2	.2														3	3	11	34				
28/ 27	.2	.2		.4														4	4	6	35				
26/ 25																				1	32				
24/ 23																				1	25				
22/ 21																				2	36				
20/ 19																					24				
Element (X)	Σ X ²		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature								Total				
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

Δ · R
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95															.2			1	1		
94/ 93															.4			2	2		
92/ 91															.2		.2	2	2		
90/ 89												.4	.2			.2		4	4		
88/ 87											.2				.6	.2		5	5		
86/ 85											.4							2	2		
84/ 83										.2		.2	.4					4	4		
82/ 81										.2			.2					2	2		
80/ 79								.2	.4									3	3		
78/ 77											.2		.2					2	2		
76/ 75											.4	.2	.4					5	5		
74/ 73						.2		.4		.2								4	4		
72/ 71					.4	.4		.2		.2								6	6		
70/ 69					.2		.2	.2	.6	.2	.6							10	10	1	
68/ 67							.6	.2	.8	1.2	.2	.4						17	17	3	
66/ 65			.4	.4	.2	.8	.4	1.2	2.0	.8	.8							35	35	9	
64/ 63				.8		.2	.2	1.2	.6	.4	.2							18	18	5	
62/ 61		.2		.2	.2	.4	.2	2.0	1.6									24	24	13	
60/ 59		.2	.2			.6	1.6	2.0	.6									26	26	9	4
58/ 57		.2				.6	2.8	.8	1.2									28	28	12	7
56/ 55			.4	.4	.6	1.0	2.2	3.4	.2									41	41	10	5
54/ 53		.8	.2	1.0		1.4	2.4	1.8	.2									39	39	15	11
52/ 51	.2	1.2	.4			2.2	1.8	.2	.2									31	31	25	8
50/ 49		.6			1.0	2.8	1.4											29	29	39	8
48/ 47		.2	.6	1.0	2.2	2.2	.8											35	35	49	20
46/ 45	.2	.2	.8	.8	.4	2.2												23	23	39	6
44/ 43		1.0	.6	.4	1.6	1.2												24	24	38	11
42/ 41	.8	1.8	1.4	.4	2.2	.6												36	36	68	15
40/ 39	.2	.2	.2	.4	.6	.2												9	9	61	26
38/ 37		.6	.2	.6														7	7	32	20
36/ 35	.6			.4														8	8	26	32
34/ 33	1.2			.2														7	7	21	52
32/ 31				.2			</														

1

8

61-63, 74-76

APR
MONTH

HOURS (L, S, T)

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

APR
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENIS AAF MASS
STATION STATION NAME

1-63, 74-76
YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Po.	
88/ 87												.3	.3		.3			3	3			
84/ 83										.6		.3						3	3			
80/ 79											.6							2	2			
78/ 77								.3				.3						2	2			
76/ 75							.3		.3	.6								4	4			
74/ 73									.3	.3	.3							3	3			
72/ 71						.3			.3									2	2			
70/ 69					.3			.3										2	2			
68/ 67					.3			.6		.3		.3						5	5			
66/ 65					.3			.3	.3	.3	.3							5	5	4		
64/ 63						.3		.3	.3	.3								3	3	2		
62/ 61						.3	.3	.9	1.2	.3								10	10	4		
60/ 59					.6	.3	1.5	.9	.3									12	12	5		
58/ 57			.2		.6	1.7	.9	1.5	.6									19	19	2		
56/ 55		.3	.3		.6	1.7	.3	.9	.6									16	16	7		
54/ 53		1.7	.3	1.5	.6	1.7	2.0	2.0										34	34	5		
52/ 51		1.5	.3	.3	1.2	1.5	1.2	.9										23	23	13	10	
50/ 49		.3		1.7	2.9	3.5	3.5											41	41	17		
48/ 47			.3	.9	4.7	2.3	.3	.6										31	31	23		
46/ 45		.9	.9	.9	2.3	.9	.3											21	21	20		
44/ 43		1.7	.9	1.2	1.2	1.2												21	21	34		
42/ 41	.3	.9	.6	1.5	1.5	.3												17	17	44	1	
40/ 39	.9	1.7	1.5	2.0	1.2	.3												26	26	53	20	
38/ 37	.9	.9	.9	1.5	.9													17	17	36	10	
36/ 35	.9	.6	.6	.9	.3													11	11	28	20	
34/ 33	.9	1.2		.3														8	9	25	30	
32/ 31				.6														2	2	11	20	
30/ 29																				6	20	
28/ 27																				3	20	
26/ 25																				1	20	
24/ 23																					10	
22/ 21																					20	
20/ 19																					20	
18/ 17																						
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63,76

YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71							.4											1	1						
70/ 69						.4												1	1						
68/ 67					.4			.4										2	2						
66/ 65				.8		.4												3	3						
64/ 63							.4											1	1						
62/ 61						.4												1	1	1					
60/ 59						.4												1	1	4					
58/ 57						.4	.4											2	2	1					
56/ 55		.4		.4	.8	.4												5	5			3			
54/ 53	.4	.4		.4	1.6	1.2	.8											12	12	4		1			
52/ 51	1.6	2.0		.8	.8	.4	.4											15	15	9		9			
50/ 49		.8	2.0		1.2	.4	.4											12	12	5		4			
48/ 47			2.0	2.0	.8													19	19	11		1			
46/ 45		1.6	1.6	3.6	4.0	.8	.4											30	30	8		3			
44/ 43		1.6	.4	3.2	2.4	.8												21	21	17		5			
42/ 41		1.6	3.6	4.0	2.0													28	28	22		15			
40/ 39	2.0	2.0	1.6	3.2	2.4													28	28	27		17			
38/ 37		2.8	3.2	2.4	1.2													24	24	38		10			
36/ 35	1.2	2.8	2.4	1.2	.8													21	21	32		13			
34/ 33	1.6	1.2	2.0	.4														13	13	32		32			
32/ 31		1.2	1.6	.4														8	8	23		22			
30/ 29			.8															2	2	7		29			
28/ 27			.4															1	1	6		18			
26/ 25																				3		13			
24/ 23																				1		13			
22/ 21																						11			
20/ 19																						12			
18/ 17																						7			
16/ 15																						5			
14/ 13																						5			
10/ 9																						3			
TOTAL	6.8	18.3	21.5	22.7	20.3	6.8	3.2	.4											251		251				
																		251		251					
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	1148924		16302		64.918		988		251		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	491722		10938		43.6		7.764		251			3.9	1.4								90				
Wet Bulb	388048		9718		38.7		6.875		251			14.3									90				
Dew Point	272228		7922		31.6		9.422		251			49.5									90				

PSYCHROMETRIC SUMMARY

52-63

YEARS

DAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

0300-0500
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

1-63, 74-76
YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point			
80/ 79						.2												1	1					
78/ 77						.4												2	2					
76/ 75					.4	.2												3	3					
74/ 73					.2	.2												2	2					
72/ 71				.4	.2		.2											4	4					
70/ 69				.6	.6	.2	.6	.2										11	11	2				
68/ 67			.4	.4	.4	.6	.8											13	13	4				
66/ 65		1.6	.6	.4	.6	.4		.4										20	20	7	2			
64/ 63		.6	.4	1.6	.6	.6	.2	.2										21	21	14	9			
62/ 61		1.0	.8	.6	1.6	1.0	.4	.2										28	28	11	12			
60/ 59	.2	1.0	1.4	1.4	.4	.2	.6											26	26	20	13			
58/ 57	.4	2.4	1.4	1.2	1.2	.6	.4											38	38	28	14			
56/ 55		1.6	2.2	1.4	2.0	.0	.2	.2										43	43	35	20			
54/ 53	.6	2.0	2.2	1.4	1.4	.4	.6		.2									44	44	33	25			
52/ 51	.6	.8	1.6	2.4	.8	.8												35	35	35	30			
50/ 49	1.0	3.2	2.4	1.4	1.8	.4	.2											52	53	42	35			
48/ 47	.4	2.2	2.0	1.0	1.4	.6												38	38	57	30			
46/ 45	.6	3.0	2.2	1.2	1.6	.6												46	46	52	45			
44/ 43		2.0	1.4	.2	.4													20	20	35	36			
42/ 41	.8	1.8	.8	.2	.6	.2												22	22	42	45			
40/ 39	.8	1.4	1.2	.6														20	20	40	38			
38/ 37	.4	.4	.4			.2												7	7	18	37			
36/ 35	.4	.8	.2															7	7	17	27			
34/ 33	.4	.2																3	3	10	22			
32/ 31																				3	17			
30/ 29																				1	15			
28/ 27																					18			
26/ 25																					4			
24/ 23																					2			
22/ 21																					1			
20/ 19																					4			
18/ 17																					1			
16/ 15																					1			
14/ 13																					1			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

4,2Y
MONTH

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

1-63,74-76

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
90/ 89										.2								1	1		
88/ 87									.2	.2								2	2		
86/ 85								.6	.4	.2								6	6		
84/ 83							.2	.6										4	4		
82/ 81							.4	.6		.2	.2							7	7		
80/ 79						.4	.4	.2										5	5		
78/ 77					.2	.2	.2	.8	.4	1.2								15	15		
76/ 75						.6	.6	.8	1.0	.4								17	17		
74/ 73					.2	.4	.6	1.4	1.6	.8	.2							26	26		
72/ 71			.2	.2	1.4	.4	1.0	2.4	.6	.4	.4							35	35	10	
70/ 69			.2	.2		1.0	.4	.8	1.2	.2								20	20	8	
68/ 67		.2	.4	.4	.4	1.2	1.2	.8	1.6	.2	.2							33	33	9	
66/ 65		.6	.6	1.0	.8	.6	.8	1.2	1.6									36	36	14	
64/ 63		.6	.2	.4	.4	1.2	1.0	1.4	.6	.8								33	33	21	
62/ 61		.6	1.4	.6	1.0	2.0	.6	1.0	.2	.2								38	38	24	
60/ 59	.2	1.6	.4	.4	.8	1.4	1.4	1.4	.4	.2								41	41	52	
58/ 57		.2	1.0	.2	2.0	1.4	1.6	.8	.2									37	37	40	
56/ 55		1.0	.2	.6	1.2	1.8	.6	.4	.2									30	30	29	
54/ 53		.8	1.6	.2	.6	1.2	.2	.2										24	24	36	
52/ 51		1.2	1.6	.2	.4	.6	.4		.2									23	23	42	
50/ 49	.6	1.6	1.0		1.2	1.2		.2										29	29	61	
48/ 47	.6	1.0	.6		.6	.4	.2	.2										18	18	50	
46/ 45		.2	.2	.2		.2												4	4	37	
44/ 43		.6	.2	.2														5	5	18	
42/ 41	.6	1.6																11	11	23	
40/ 39	.4	.4																4	4	22	
38/ 37	.2	.2																2	2	7	
36/ 35																				3	
34/ 33																					
32/ 31																				20	
30/ 29																				25	
28/ 27																				13	
26/ 25																				11	
24/ 23																				9	
22/ 21																				7	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-54321

MAY
MONTH

YEARS

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 74

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

51-53, 74-76

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
96/ 95													.2					1	1				
94/ 93											.4							2	2				
92/ 91									.2		.4							3	3				
90/ 89								.4	.4									4	4				
88/ 87								.2	.8	.4			.2					8	8				
86/ 85								.4	.4	.8	.4							10	10				
84/ 83								.2	.6	.6	.6	.4						12	12				
82/ 81							.2	.2	.8	.6	1.0							14	14				
80/ 79						.4	.2	1.0	1.4	.8	.6				.2			24	24				
78/ 77						.2	.6	.8	1.6	1.4	.6		.2					27	27				
76/ 75				.2	.4	.2	.6	1.4	1.4	1.0	.2	.8						31	31	3			
74/ 73				.2			1.0	1.0	1.0	1.2	.6	.4						27	27	7			
72/ 71			.2	.2	.2	.2	.6	1.4	.8	1.2	.2	.4						27	27	7			
70/ 69			.2	.4	.2	.2	.6	1.0	.6	.8	.4	.2						23	23	10	3		
68/ 67		.2	.6	.6	.2	.4	1.4	.4	1.6	1.8	.8							40	40	16	3		
66/ 65		.4	.8	.2	.8		.8	1.2	1.4	.6								31	31	27	12		
64/ 63			.4	.4	.6	1.8	2.2	1.4	.4		.4	.2						39	39	24	13		
62/ 61		.6	1.0	.2	.2	1.0	2.0	.2	.2									27	27	41	11		
60/ 59			1.2	.8	.6	1.2	.6	1.2		.2	.							31	31	44	12		
58/ 57		.4	.4		1.0	.6	1.2	1.2	.4	.4								28	28	29	20		
56/ 55		.4	.2	.6	.8	.4	.4	.2										15	15	41	29		
54/ 53	.4	.4	1.4	.4	.4	.4	.4	.2										18	18	41	18		
52/ 51	.2	.8			.4	.2	.2											9	9	56	32		
50/ 49	.2	2.4	1.6	.2	.4	.2												25	25	49	37		
48/ 47		.8	.2															5	5	39	32		
46/ 45		.2																1	1	20	41		
44/ 43		1.2	.6															9	9	15	38		
42/ 41	.6	1.2	.2															10	10	21	27		
40/ 39		.2																1	1	11	38		
38/ 37																				1	32		
36/ 35																					20		
34/ 33																					16		
32/ 31																					21		
30/ 29																					11		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

FORT DEVENS AAF MASS

61-63, 74-76

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L, S, T.)

DATA PROCESSING BRANCH:
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS, AF MASS
STATION STATION NAME

61-63, 74-76

YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
74/ 93											.4										2	2		
92/ 91									.6		.2										4	4		
88/ 87									.6	.6											7	7		
86/ 85								.2	.8	1.0		.4	.2		.2						13	13		
84/ 83								.4	.2	.4		.6	.2								9	9		
82/ 81						.2	.2		.8	.8	1.0	.4									17	17		
80/ 79							.4	.2	.8	.8	.6	.4									16	16		
78/ 77					.2		.6	1.0	1.8	1.2	.6	.8	.8								35	35		
76/ 75				.2	.2	.6		1.0	1.2	.8	.2	.6									24	24	3	
74/ 73				.6	.4	.4	.8	.8	.8	1.4	.6	.4									31	31	3	
72/ 71			.2	.2	.4	.2	1.2	1.2	1.2	1.0	.2	.4									31	31	8	
70/ 69					.4	.8	.6	.6	.6	1.4		.6									25	25	13	3
68/ 67			.4	.8	.8	.8	1.2	1.6	3.0	.8											47	47	13	2
66/ 65		.4	.2		.4	.4		1.4	1.0	.2		.2									21	21	17	10
64/ 63				.2	.6	.4	2.0	.8	.2			.4									23	23	26	10
62/ 61		.2	1.0	.2	.4	1.2	1.4	.8	.4	.6											31	31	39	12
60/ 59		.2	.4	.6	.4	1.6	.6	1.4	.2		.2										28	28	42	15
58/ 57		1.2	1.0	.4	.8	1.4	.6	.6		.4											32	32	31	11
56/ 55	.2	.4	.8	.6	1.2	.2	.4														19	19	42	24
54/ 53	.8	1.0		.6	.6		.4														17	17	51	28
52/ 51	.6	1.0	.2	.2	.2	1.2															17	17	62	38
50/ 49		1.6	.4	1.0	.2	.2															17	17	43	40
48/ 47		1.0	.6																		8	8	32	27
46/ 45		.4	.4																		4	4	19	25
44/ 43		.4	.6																		5	5	21	29
42/ 41		1.0	.4																		7	7	14	42
40/ 39	.8	.2																			5	5	15	46
38/ 37																							1	31
36/ 35																								31
34/ 33																								16
32/ 31																								12
30/ 29																								15
28/ 27																								9
26/ 25																								6
Element (X)	Σ X ²		Σ X		X̄		e _x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

1

477 54321

YEARS

MONTH

HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH.
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63, 74-76

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89										.3								1	1				
88/ 87									.3									1	1				
86/ 85									.3									1	1				
84/ 83									.3			.3						2	2				
82/ 81								.3			.3							2	2				
80/ 79							.3		.3	.3	.3							4	4				
78/ 77							.6		1.8	.3		.3						10	10				
76/ 75					.3	.3		.6	.9		.3							8	8				
74/ 73					.6	.3		1.5	1.2	.6		.3						15	15				
72/ 71				.3	.6	.6	.9	1.2		.6	.3							15	15	2			
70/ 69				.3	.9	1.2	.9	.9	.6		.6							18	18	2			
68/ 67		.3	.3	.3	.9	.9	.9	2.7		.6								23	23	4			
66/ 65	.3	1.5		.6	.6		1.5	2.4	1.5									28	28	11	4		
64/ 63		.6	.3		1.2	1.8	.9	.6	.9	.3								22	22	10	3		
62/ 61			.3	.3	.6	.9	1.2	1.2			.3							16	16	16	15		
60/ 59			.6	1.2	.3	1.2	1.8	.3	.3	.9								22	22	29	3		
58/ 57	.3	.9	.3	.9	2.4	.9	.6	.3										22	21	17	5		
56/ 55	.6	2.4	.9	.3	1.5	2.1	.9	.6										31	31	26	16		
54/ 53	.6	2.1	1.2	1.2	.9	1.2												24	24	38	18		
52/ 51	1.8	.6	.3	1.8	.3	.9	.6											21	21	36	26		
50/ 49		.6	.3	1.5	1.5	.9	.3											17	17	37	22		
48/ 47		1.8		.6	.6													10	10	25	25		
46/ 45		.6		.9														5	5	25	19		
44/ 43	.3	.6	.9															6	6	17	23		
42/ 41		.3	.9															4	4	21	29		
40/ 39	.9	.9	.3															7	7	13	31		
38/ 37	.6																	2	2	7	17		
36/ 35																				1	20		
34/ 33																					20		
32/ 31																					8		
30/ 29																					12		
28/ 27																					5		
26/ 25																					5		
24/ 23																					4		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MA:
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

52-63

YEARS

JUL
 MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

1

June

61-63,75

YEARS

MONTH

0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

HOURS (1, 5, 7)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

-1-63,74-76

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
90/ 89									.2	.2	.4	.4		.2						7	7			
88/ 87							.6	.8				.4								9	9			
86/ 85						.2	.8	.6	.4	.4	.2									13	13			
84/ 83						.4	1.6	1.2	1.0	.6	.2									25	25			
82/ 81					.2	1.0	2.3	.6	1.0	.4	.2	.2								30	30			
80/ 79					.4	1.8	1.4	1.8	1.0	.6	.4									37	37			
78/ 77			.2	.4	1.8	1.9	2.1	1.0	.8	1.0										47	47			
76/ 75		.2		1.6	1.9	2.7	2.1	1.6	1.2	.4	.2									61	61	7		
74/ 73		.2	.6	1.4	1.4	1.8	1.6	.8	.4	.4										43	43	20		
72/ 71		.4	.6	1.0	1.4	1.4	.4	1.6	.4											36	36	25	4	
70/ 69		.4	1.0	1.4	1.8	1.4	1.2	1.6	.8											48	48	57	15	
68/ 67		1.0	.8	.6	1.2	.4	.8	1.0	.2											30	30	58	34	
66/ 65		.4	.2	.4	1.8	.4	.6	.8	.2											24	24	63	39	
64/ 63		.4	1.0	.6	.2	.4	.8	.2												18	18	49	44	
62/ 61		1.2	1.6	.4		1.2	.2													23	23	47	44	
60/ 59	.6		1.0	.6	.6	.4	.2													19	19	45	43	
58/ 57	.2	1.8	1.0	1.4	.6															25	25	46	57	
56/ 55		1.0	.4																	7	7	29	43	
54/ 53	.4	.2	.8																	7	7	33	41	
52/ 51	.4	.2	.2																	4	4	22	31	
50/ 49	.2																			1	1	13	36	
48/ 47																							19	
46/ 45																							23	
44/ 43																							13	
42/ 41																							13	
40/ 39																							10	
38/ 37																							3	
36/ 35																							2	
TOTAL	1.8	7.6	9.1	9.5	13.0	15.2	16.5	13.4	7.4	4.1	1.9	.2	.2							514	514	514		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	2023077		31057		60.4		16.902		514		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					90			
Dry Bulb	2710489		37067		72.1		8.540		514				67.6	47.6	18.0						90			
Wet Bulb	2042630		32236		62.7		6.386		514				29.2	4.7							90			
Dew Point	1678395		29091		56.6		7.809		514				9.3								90			

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

04779 FORT DEVERA AAF MASS

51-63, 74-76

JUN

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.2		.4	.4						5	5		
92/ 91						.2			.2	.4	1.0	.4	.4	.2				14	14		
90/ 89						.2	.2	.6	1.0	.6	.4	.8						20	20		
88/ 87						.4	.4	1.4	1.2	1.0	.8	.2						27	27		
86/ 85						.6	1.4	1.0	1.4	1.8	.2		.2					33	33		
84/ 83					.2	.6	2.8	2.0	2.4	1.2	1.6	1.4						61	61		
82/ 81						1.6	2.4	1.4	.4	2.0	1.4	.8						50	50	1	
80/ 79				.4	.2	.8	1.8	.6	.6	1.2	.6	.4						33	33	3	
78/ 77			.2	.2	.8	1.2	.6	.8	1.2	1.6	.8							37	37	6	
76/ 75		.2		.6	1.4	1.2	1.4	.6	.6	1.0								35	35	14	
74/ 73		.4	.2	.4	1.6	.8	1.0	.8	.6	.6								32	32	36	
72/ 71			.6	.6	.6	.4	1.8	2.0	1.0	.4								37	37	41	
70/ 69		.6	.6	.8	.2	.8	.6	.4	.4	.2								25	25	64	
68/ 67		.4			.6	1.0	1.0	.2										16	16	57	
66/ 65		.2	.2	1.0	1.2	2.0		.2										24	24	40	
64/ 63		.6	.2		.2	.2	.2	.6										10	10	42	
62/ 61		1.0		.2														6	6	48	
60/ 59	.2	.4	1.0	.4	.2													11	11	44	
58/ 57		1.0	1.4	.2	.4													15	15	43	
56/ 55	.2	1.0	.2															7	7	29	
54/ 53		.6	.6															6	6	29	
52/ 51	.4																	2	2	14	
50/ 49	.2																	1	1	4	
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
34/ 33																					
32/ 31																					
TOTAL	1.0	6.3	5.1	4.7	7.5	11.8	15.4	12.6	11.0	12.0	7.3	4.3	.6	.2				507	507	507	
Element (X)	Σx ²			Σx			̄x	σ _x	No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	1604934			27084			53.4	17.676	507		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3015535			38809			76.5	9.414	507				75.4	61.6	40.1	.9	90				
Wet Bulb	2132839			32711			64.5	6.649	507				39.8	11.0	.2		90				
Dew Point	1678670			28854			56.8	8.499	507				.2	12.1	1.2		80				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEWEYS AAF MASS STATION NAME

01-63,74-76 YEARS

JUN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95											.2				.2			2	2			
94/ 93							.2		.2	.2		.2	.2	.2		.2		7	7			
92/ 91									.4	.2	.8	.8	.4					13	13			
90/ 89						.2		.8	1.6	.6	.6			.2				20	20			
88/ 87						.4		2.3	.6	.6	.6	.2						23	23			
86/ 85					.6	.2	.8	2.1	2.5	.8	.6	.2	.2					39	39			
84/ 83					.4	.6	2.5	1.6	2.1	2.1	.6	1.0	.2					54	54			
82/ 81					.2	.4	1.8	1.4	.2	1.4	1.0	.8						36	36	1		
80/ 79				.2	.4	1.6	2.7	.2	1.0	2.1	.2	1.2						47	47	1		
78/ 77			.2		1.0	1.8	1.2	.8	.8	1.0	1.0	.6						41	41	7	1	
76/ 75			.2	.4	1.0	.6	1.2	.6	.6	1.0								28	28	13	1	
74/ 73		.4	.8		1.0	.2	1.0	1.2	1.4	.6	.2							34	34	37	6	
72/ 71		.2	.6	.6	.2	.2	1.0	1.2	.4	.4	.2							25	25	48	7	
70/ 69		.2	.4		.8	.8	1.2	.2										18	18	59	16	
68/ 67		.8		.6	.4	1.0	1.2											20	20	53	39	
66/ 65		.4			.4	.6	.6	.2										11	11	38	38	
64/ 63		.8	.2		.8	.4	.2	.4										14	14	34	41	
62/ 61		.6	1.0	1.0		.4	.2											16	16	40	49	
60/ 59		.8	.2		.4	.2												8	8	36	25	
58/ 57		.8	.8	.8	.2													13	13	50	33	
56/ 55	.2	1.2	.6	.2														11	11	27	30	
54/ 53		1.0																5	5	24	32	
52/ 51	.2	.2																2	2	15	50	
50/ 49																				4	22	
48/ 47																					25	
46/ 45																					23	
44/ 43																					17	
42/ 41																					13	
40/ 39																					7	
38/ 37																					6	
36/ 35																					3	
34/ 33																					2	
32/ 31																					1	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

• 1-63, 74-76

YEARS

JUN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24779 FORT LEVERIS AFB MASS
STATION STATION NAME

41-42,74-76
YEARS

JUL
MONTH

PAGE 1 1900-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89								.3		.3		.3	.3					4	4						
88/ 87									.6	.6	.3							5	5						
86/ 85							.6	1.1	.6	.3								9	9						
84/ 83						.6	.3	2.2	.3	.6								14	14						
82/ 81				.3	.8	2.2	.8	.6	1.1	.6								23	23						
80/ 79				.6	.8	1.9	1.4	.8	1.4	.8	.3							29	29						
78/ 77				1.7	2.8	1.1	1.7	1.4	1.1			.3						36	36						
76/ 75			.3	.3	3.0	1.4	2.2	.6	2.2	.8								39	39						
74/ 73			.3	1.4	1.4	1.1	1.9	1.1	1.1	.8								32	32	16	1				
72/ 71		.3	1.4	.8	1.4	.3	1.9	1.4	.3	.3								29	29	25	3				
70/ 69		2.2	.8	.6	1.1	1.7	.8	1.1		.3								31	31	38	12				
68/ 67		1.1	.6	1.1	1.7	.6	.6		.3	.3								22	22	43	31				
66/ 65		.6	.3	.6	.8	1.1	1.1	.3		.3								18	18	34	30				
64/ 63		.8	.6	.8	.6	1.4	.3											16	16	35	32				
62/ 61	.3	.3		1.1	.3	.3												8	8	32	28				
60/ 59		1.7	1.4			.8												14	14	33	27				
58/ 57		1.4	.6	.6	.3													10	10	34	29				
56/ 55	.3	2.2	.3		.3													11	11	25	24				
54/ 53	.3	1.7	.6															9	9	20	38				
52/ 51	.3		.3															2	2	14	27				
50/ 49																				9	22				
48/ 47																					13				
46/ 45																					18				
44/ 43																					12				
42/ 41																					4				
40/ 39																					5				
38/ 37																					1				
36/ 35																					1				
34/ 33																					1				
32/ 31																					1				
30/ 29																					1				
TOTAL	1.1	12.2	7.2	9.7	15.0	14.4	13.6	10.8	8.9	5.8	.6	.6	.3								361		361		
																		361			361				
Element (X)	Σx ²		Σx		X		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.	1477536		22190		61.5		17.745		361		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 85 F	90								
Dry Bulb	1900617		26015		72.1		8.479		361				68.1	47.6	18.0		90								
Wet Bulb	1442563		22703		62.9		6.410		361				31.2	4.7			90								
Dew Point	1193321		20545		56.9		8.178		361			.5	11.7	.2			90								

PSYCHROMETRIC SUMMARY

04779	FORT DEVENS AAF MASS
STATION	STATION NAME

61-63, 74-76

YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

9477-54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TO /AL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
82/ 81								.8										2	2				
80/ 79					.8		.8	.4										5	5				
78/ 77				.8			.8											4	4				
76/ 75			.4	1.2	1.6	.4		.4										10	10				
74/ 73			1.2	.4	2.1	.4	.4											11	11				
72/ 71			2.5	.4	1.6	.8	.8											15	15	8			
70/ 69		2.9	2.9	3.7	3.3	1.6	.8	.4										38	38	8	6		
68/ 67	.4	2.1	4.1	3.7	1.2	.4	.4											30	30	23	13		
66/ 65		1.2	.4	1.2	2.1	1.6		.4										17	17	22	13		
64/ 63		1.6	2.1	1.6	1.6		.4	.4										19	19	28	19		
62/ 61	.4	2.5	2.1	1.6	.8		.8											16	16	30	26		
60/ 59		2.5	2.1	1.6		.4												16	16	14	19		
58/ 57	1.2	3.7	.8	1.2	.8													19	19	27	24		
56/ 55	.8	2.5	.8	2.1														15	15	31	24		
54/ 53	1.2	2.1	2.1	.8														15	15	13	27		
52/ 51	.4	.8	1.6															7	7	19	18		
50/ 49		.8	.4															3	3	14	17		
48/ 47		.4																1	1	5	16		
46/ 45																				1	7		
44/ 43																					9		
42/ 41																					4		
36/ 35																					1		
TOTAL	4.5	21.0	23.9	20.6	16.0	6.6	4.5	2.9										243	243	243	243		
Element (X)	Σ x ²			Σ x			̄x	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1437747			18387			75.7	13.856	243		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1029284			15714			64.7	7.361	243				42.6	11.9	.7						90		
Wet Bulb	875007			14503			59.7	6.240	243												90		
Dew Point	782934			13686			56.3	7.078	243						7.0						90		

PSYCHROMETRIC SUMMARY

42-63

YEARS

JUL
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
98/ 97												.2						1	1		
94/ 93									.2		.6							4	4		
92/ 91								.4	.2	.4	.2	.2						7	7		
90/ 89							.2	.8	.8	.2								10	10		
88/ 87				.2		.2	.4	.8	.2	.2								10	10		
86/ 85					.8		1.5	1.1	.4	.2								21	21		
84/ 83					.6	.6	1.7	2.5	.9									33	33	1	
82/ 81				.6	.4	1.3	2.1	2.5	.8	.4								42	42	1	
80/ 79				1.1	.9	1.1	2.8	2.3	1.7	.6								56	56	2	
78/ 77			.9	.5	2.5	2.8	2.7	1.9		.2								62	62	8	
76/ 75		.2	.8	1.1	1.9	1.9	1.5	1.5			.2							48	48	18	
74/ 73		.2	.9	1.5	1.9	2.3	1.3	.9	.2	.2	.2							51	51	40	
72/ 71		.6	1.5	1.5	1.1	1.5	1.7	1.3	.6	.2								53	53	43	
70/ 69			.8	1.1	1.3	1.5	2.1	.6	.2									40	40	72	
68/ 67		.8	1.1	.8	1.1	2.1	.4		.2									34	34	74	
66/ 65		1.1	1.1	.4	.6	.2	.6	.2										22	22	59	
64/ 63		1.9	.6	.6	.2	.4	.4											21	21	64	
62/ 61	.6	.8	.4			.4												11	11	52	
60/ 59	.4																	2	2	39	
58/ 57																				32	
56/ 55																				13	
54/ 53																				8	
52/ 51																				3	
50/ 49																					
48/ 47																				25	
46/ 45																				13	
44/ 43																				18	
42/ 41																				5	
40/ 39																				6	
38/ 37																				7	
36/ 35																				3	
34/ 33																				1	
TOTAL	.9	5.5	8.1	9.7	13.3	16.3	19.3	16.7	6.3	2.3	1.3	.4						528	528	528	
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel Hum.	2062310		32020		60.6		15.121		528		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93				
Dry Bulb	3041487		39901		75.6		7.046		528				83.1	60.8	27.1	.9	93				
Wet Bulb	2313692		34826		66.0		5.617		528				45.4	12.2	.2		93				
Dew Point	1943025		31795		60.2		7.341		528				18.1	3.0	.2		93				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FLRT DEVENS AAF MASS STATION NAME

41-63,74-76 YEARS

JUL MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97											.6	.2	.4	.2				7	7					
96/ 95											.2	.6	.2	.2				6	6					
94/ 93								.4	.2	.2	.2	.2	.4					8	8					
92/ 91				.2				1.7	.6	.4	.4	.2	.2					19	19					
90/ 89						1.0	.8	.6	.8	.6			.2					24	24					
88/ 87				.6	.2	1.2	.2	.4	3.3	1.6	.2							30	39					
86/ 85					.2	1.0	.4	2.9	2.5	1.7	.6							48	48	1				
84/ 83				.4	.4	.6	1.9	3.5	2.1	2.1		.2						58	58	1	1			
82/ 81				.6	.4	1.4	2.3	2.5	2.9	1.4	.8	.2						64	64	4	2			
80/ 79			.2	.6	.8	1.7	.8	.6	1.0	.6	.4	.4						36	36	12	1			
78/ 77			.4	.4	1.6	1.7	.6	1.9	.6	.4	.6	.4						44	44	23	3			
76/ 75			.8	1.4	.8	1.9	.8	1.2	1.7	.6	.6							50	50	23	10			
74/ 73		.4	1.0	1.0	.8	1.2	1.0	.4	.8	.4								35	35	37	25			
72/ 71			.4	.6	1.2	1.0	.6	.4	.4									23	23	69	17			
70/ 69		.2	.8	.6	.8	.2	1.4	1.0										25	25	86	20			
68/ 67		.2	.4	.6		.6	.2	.2										11	11	67	35			
66/ 65		.4	.6															5	5	50	44			
64/ 63	.8	1.0	.6															12	12	47	78			
62/ 61			.2															1	1	39	61			
60/ 59																				21	47			
58/ 57																				26	37			
56/ 55																				8	42			
54/ 53																				1	16			
52/ 51																					16			
50/ 49																					17			
48/ 47																					15			
46/ 45																					6			
44/ 43																					8			
42/ 41																					9			
40/ 39																					3			
38/ 37																					1			
36/ 35																					1			
TOTAL	.8	2.1	5.2	6.8	7.0	13.4	10.9	17.7	16.9	10.1	5.0	2.3	1.4	.4				515	515	515	515			
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	1611589		27655		53.7		5.690		515		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	3347660		41350		80.3		7.330		515				89.7	79.1	52.9	3.8	93							
Wet Bulb	2397680		35014		68.0		5.774		515				58.3	18.2	1.6		93							
Dew Point	1944141		31369		60.9		8.065		515				20.6	7.6	.7		93							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63,74-76
YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
100/ 99													.2	.4					3	3			
98/ 97												.2	.2	.6	.2			6	6				
96/ 95										.2	.4							4	4				
94/ 93								.2		.4		.2	.4					7	7				
92/ 91						.2		1.6	.6	.2	.2	.4						16	16				
90/ 89						.4	.4	1.8	.8	1.0		.4						24	24				
88/ 87						.4	1.0	1.2	2.4	1.0	.4	.4	.2					35	35				
86/ 85					1.0	.8	.4	2.0	2.6	1.2	.6	.2	.2					45	45				
84/ 83			.2	.2	.2	1.6	1.8	2.6	2.0	1.4	1.2	.6						59	59				
82/ 81			.4	.4	.4	1.6	2.4	3.0	2.4	.8	.6							58	58	1			
80/ 79			.4	.4	1.0	1.6	1.0	1.6	1.6	1.0	.6	1.2						52	52	6			
78/ 77				1.2	1.2	2.2	2.0	1.0	1.2	.4	.4							48	48	21	2		
76/ 75		.2	.2	.8	1.0	.6	1.0	1.2	.4	.4								29	29	34	6		
74/ 73			.2	1.0	1.0	1.8	.6	1.4	.6									33	33	34	21		
72/ 71			1.0	.4	2.0	.6	.4	.4	.2									25	25	64	9		
70/ 69		.4	.8	.4	.6	1.0	.4	.8										22	22	68	39		
68/ 67	.2	.6	.6		.2	.4		.2										11	11	72	28		
66/ 65	.2	1.0			.4													8	8	57	47		
64/ 63		1.2	.2															7	7	60	67		
62/ 61	.2	.2																2	2	37	59		
60/ 59		.2																1	1	20	46		
58/ 57																				16	46		
56/ 55																				4	27		
54/ 53																				1	26		
52/ 51																					20		
50/ 49																					20		
48/ 47																					9		
46/ 45																					7		
44/ 43																					8		
42/ 41																					7		
40/ 39																					1		
TOTAL	.6	3.8	3.6	4.8	9.1	13.3	11.5	19.2	14.9	8.1	4.2	4.0	1.0	1.4	.2				495	495	495		
																		495		495			
Element (X)	Σx²		Σx		x̄		s²		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1534661		26443		53.4		15.720		495		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3222610		39776		80.4		7.309		495				89.6	78.7	53.5	3.8	93						
Wet Bulb	2297473		33621		67.9		5.303		495				56.4	18.0	.6		93						
Dew Point	1854681		30075		60.8		7.447		495				19.7	5.4			93						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 EPT DEVERNS AAF MASS
STATION STATION NAME

1-53-74-76

YEARS

JUL
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
96/ 95												.3						1	1						
94/ 93												.3						1	1						
92/ 91										.3	.3	.3						3	3						
90/ 89							.3	1.2			.3							6	6						
88/ 87							.3	.6	.6									5	5						
86/ 85						.3	.9	1.2	.6	.9								13	13						
84/ 83				.3	.6	1.5	.9	.9	1.8	.6	.3							23	23						
82/ 81				.3	.6	1.2	1.5	1.5	.6	.6	.3	.3						23	23						
80/ 79			.6	1.2	.9	1.2	3.0	1.2	1.8	.6	.9	.3						39	39						
78/ 77			.6	.9	2.1	1.8	2.1	.9		.3								29	29	3					
76/ 75		.3	.6	1.5	1.2	1.8	1.2	1.5	1.5	.6								34	34	19					
74/ 73		.3	1.2	2.1	1.2	3.0	1.5	1.2	.9									38	38	18	11				
72/ 71		.3	.9	.6	1.8	2.1	.9	.9										25	25	30	16				
70/ 69		.9	2.4	1.8	1.2	1.2	1.5	.6										32	32	35	12				
68/ 67	.3	1.2	1.8	2.1	.9	1.5	1.2											30	30	44	25				
66/ 65	.3	1.8	.9	.6	.3	1.2												17	17	40	34				
64/ 63		1.8	.3	.6	.6	.3												12	12	55	33				
62/ 61		.3	.3		.3		.3											4	4	32	44				
60/ 59		.3																1	1	24	36				
58/ 57																				25	25				
56/ 55																				8	28				
54/ 53																				2	15				
52/ 51																					10				
50/ 49																				1	19				
48/ 47																					9				
46/ 45																					14				
44/ 43																					3				
42/ 41																					1				
40/ 39																					1				
TOTAL	.6	7.1	9.5	11.9	11.6	17.0	15.5	11.6	7.7	3.9	2.1	1.5						336		336					
																		336		336					
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	1359699		20653		61.5		16.4		336		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1916777		25273		75.2		6.8		336				83.6	59.5	25.5	.6	93								
Wet Bulb	1460914		22082		65.7		5.3		336				41.2	11.1			93								
Dew Point	1230646		20184		60.1		7.3		336				17.7	3.0			93								

PSYCHROMETRIC SUMMARY

21-43

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

61-63, 76

YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

41-63, 74-76

YEARS

AUG
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

04779 FORT DEVERA 4AF MASS
STATION STATION NAME

1-63, 74-76

YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
102/101										.2								1	1				
100/ 99										.6								3	3				
98/ 97										.2								1	1				
94/ 93										.2								1	1				
92/ 91									.2	.2								2	2				
90/ 89									.8	.4	.8	.4	.2					13	13				
88/ 87							.6	1.2	2.1	1.7	.8	.2						34	34				
86/ 85						.6	1.0	1.9	3.5	1.9	1.0	.2						52	52	1			
84/ 83						1.9	1.0	2.3	4.6	1.7	1.0							65	65	1			
82/ 81						1.2	1.5	3.1	2.1	1.3	.6							51	51	3			
80/ 79					.4	1.5	1.7	.8	1.5	1.7	.6							43	43		1		
78/ 77				.8	1.2	2.1	1.2	.8	1.0	.6		.2						40	40	3	1		
76/ 75			.2	1.0	1.3	1.3	1.7	2.3	1.9	1.3	.6							61	61	14	3		
74/ 73		.2	.4	.4	.6	1.7	1.3	1.9	1.3	.4								43	43	25			
72/ 71		.2	.8	.4	.8	.4	1.5	.6	.4	.4								28	28	52	11		
70/ 69		1.0	.2	.4	.4		.2	.4										13	13	88	19		
68/ 67		.8	.2	.8	.2			.6										13	13	74	34		
66/ 65		1.5	.4	.8	.2	.2	.2											17	17	57	47		
64/ 63		1.0	.2	.2			.2											8	8	53	51		
62/ 61	.2	1.5	.8			.6												16	16	52	59		
60/ 59		2.1	.2															12	12	54	66		
58/ 57																				22	49		
56/ 55	.2																	1	1	11	50		
54/ 53	.2	.2																2	2	6	23		
52/ 51																				4	37		
50/ 49																					24		
48/ 47																					13		
46/ 45																					10		
44/ 43																					6		
42/ 41																					7		
40/ 39																					8		
38/ 37																					1		
TOTAL	.6	8.5	3.3	4.6	5.0	11.5	12.1	16.7	19.4	12.7	4.8	.8						520	520	520	520		
Element (X)	Σx ²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1675794		28166		54.2		17.0		520		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	3184972		40488		77.9		7.9		520						83.0		73.3		42.9		1.1		93
Wet Bulb	2275980		34286		65.9		5.4		520						46.7		8.4		.9				93
Dew Point	1823066		30558		58.8		7.2		520						12.3		.9						93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63, 74-76
YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
102/101										.4								2	2					
100/ 99										.2								1	1					
98/ 97										.2								1	1					
96/ 95									.4									2	2					
92/ 91							.2	.2	.4			.2						5	5					
90/ 89							.4	.2	1.4	.4	.6							15	15					
88/ 87							.6	.6	1.8	2.4	1.8	.2	.2					38	38					
86/ 85						1.0	.8	2.2	3.0	2.6	1.0	.2						54	54					
84/ 83						.6	.6	1.6	2.4	3.0	.2	.8						46	46	2				
82/ 81					.4	1.4	1.4	2.2	1.6	.8	1.4							46	46	1				
80/ 79					.6	1.6	2.4	1.6	1.2	1.2	.2							44	44	4				
78/ 77				.2	1.0	1.2	2.2	1.8	1.8	1.0	.2							47	47	4	2			
76/ 75			.4	1.6	1.4	.8	1.0	1.6	1.8	1.6	.6							54	54	12	2			
74/ 73			.2	1.2	.6	.6	1.6	.4	.6									26	26	22	5			
72/ 71		1.0	.6	.6	1.2	.2	1.2	.8	.4	.8								34	34	51	8			
70/ 69		1.4	.6	.6	.4	.2	.6	1.0										24	24	73	26			
68/ 67		.2	.4	1.0		.2		.4										11	11	87	25			
66/ 65		.8	.6	.4	.2	.2		.2										12	12	51	47			
64/ 63		1.2	.2	.2		.2												9	9	57	41			
62/ 61		1.4	.2				.2											9	9	48	64			
60/ 59		1.4	.8															11	11	34	62			
58/ 57	.2	.4	.2		.2													5	5	31	45			
56/ 55	.2	.4																3	3	16	39			
54/ 53																				4	37			
52/ 51																				1	24			
50/ 49																				1	23			
48/ 47																					18			
46/ 45																					8			
44/ 43																					10			
42/ 41																					7			
40/ 39																					6			
TOTAL	.4	8.2	4.2	5.8	6.0	8.2	13.2	14.8	16.8	14.6	6.0	1.4	.2					499	499	499				
																		499		499				
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	1621772		27044		54.2		17.704		499		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	3071020		38938		78.0		8.092		499				83.9	71.0	44.2	1.1					93			
Wet Bulb	2189692		32942		66.0		5.487		499				47.7	8.4	1.1						93			
Dew Point	1753051		29345		58.8		7.410		499				12.7	1.7							93			

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
98/ 97										.3								1	1				
92/ 91								.3										1	1				
90/ 89							.3											1	1				
88/ 87										.3	.3							2	2				
86/ 85						.3	.3	.3		.3								4	4				
84/ 83							2.4	.9	.6	1.2								17	17				
82/ 81					.6	.9	1.2	.9	.9	.6	.3							18	18				
80/ 79				.9	1.2	1.5	1.5	1.2	.9	.3								25	25	1			
78/ 77				.6	1.8	1.8	.9	1.5	.9									25	25	3			
76/ 75			.6	.9	1.8	3.5	2.9	.6	.9	.3								39	39				
74/ 73			1.2	1.5	1.8	2.4	1.5	1.2	.9									35	35	10			
72/ 71		.6	1.2	1.8	1.5	1.2	1.8	.3	.6									30	30	20			
70/ 69	.6	2.9	2.1	.9	1.2	2.1	1.2	.3										38	38	30	15		
68/ 67		1.2	2.1	1.8	1.2	1.5	.9	.3										30	30	50	21		
66/ 65		1.5	2.6	.9	1.8	.6												25	25	55	29		
64/ 63		1.8	1.5	1.5	.6	.6												20	20	46	40		
62/ 61	.3	2.4	.3	.3	.6	.3												14	14	43	40		
60/ 59		1.2	.3	.9														8	8	33	40		
58/ 57			.3	.3	.6													4	4	25	33		
56/ 55	.9																	3	3	15	31		
54/ 53																				5	25		
52/ 51																				3	22		
50/ 49																				1	15		
48/ 47																							
46/ 45																					7		
44/ 43																					4		
40/ 39																					1		
TOTAL	1.8	11.5	12.1	12.1	14.4	16.5	14.7	7.6	5.6	3.2	.6								340	340	340		
																		340		340			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1556137		22283		65.5		16.806		340		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	1793734		24580		72.3		7.028		340						72.8		46.0		15.6		.3		93
Wet Bulb	1408680		21816		64.2		5.113		340						31.2		3.8		.3				93
Dew Point	1205698		20124		59.2		6.561		340						12.3		.8						93

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97										.3								1	1			
92/ 91								.3										1	1			
90/ 89							.3											1	1			
88/ 87										.3	.3							2	2			
86/ 85						.3	.3	.3		.3								4	4			
84/ 83							2.4	.9	.6	1.2								17	17			
82/ 81					.6	.9	1.2	.9	.9	.6	.3							18	18			
80/ 79				.9	1.2	1.5	1.5	1.2	.9	.3								25	25	1		
78/ 77				.6	1.8	1.8	.9	1.5	.9									25	25	3		
76/ 75			.6	.9	1.8	3.5	2.9	.6	.9	.3								39	39			
74/ 73			1.2	1.5	1.8	2.4	1.5	1.2	.9									35	35	10	3	
72/ 71		.6	1.2	1.8	1.5	1.2	1.8	.3	.6									30	30	20	8	
70/ 69	.6	2.9	2.1	.9	1.2	2.1	1.2	.3										38	38	30	13	
68/ 67		1.2	2.1	1.8	1.2	1.5	.9	.3										30	30	50	21	
66/ 65		1.5	2.6	.9	1.8	.6												25	25	55	29	
64/ 63		1.8	1.5	1.5	.6	.6												20	20	46	40	
62/ 61	.3	2.4	.3	.3	.6	.3												14	14	43	40	
60/ 59		1.2	.3	.9														8	8	33	40	
58/ 57			.3	.3	.6													4	4	25	33	
56/ 55	.9																	3	3	15	31	
54/ 53																				5	25	
52/ 51																				3	22	
50/ 49																				1	15	
48/ 47																					8	
46/ 45																					7	
44/ 43																					4	
40/ 39																					1	
TOTAL	1.8	11.5	12.1	12.1	14.4	16.5	14.7	7.6	5.6	3.2	.6								340		340	
																		340		340		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1556137		22283		65.5		16.806		340		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1793734		24580		72.3		7.028		340				72.8	46.0	15.6	.3	93					
Wet Bulb	1408680		21816		64.2		5.113		340				31.2	3.8	.3		93					
Dew Point	1205698		20124		59.2		6.561		340				12.3	.8			93					

PSYCHROMETRIC SUMMARY

51-43,76

YEARS

AUG
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

61-63

YEARS

SEP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
74/ 73			.5	1.1														3	3			
70/ 69	.5	1.1	1.6															6	6	4	2	
68/ 67																				3	2	
66/ 65		1.6			.5													4	4	3	3	
64/ 63	.5	1.1	1.6	1.6														9	9	3	5	
62/ 61	.5	4.3																9	9	6	5	
60/ 59	1.1	3.2	3.8	1.6														18	18	13	9	
58/ 57	3.8	2.7	2.2															16	16	16	11	
56/ 55	2.2	4.3	2.7															17	17	17	11	
54/ 53	2.7	3.8	1.6															15	15	22	24	
52/ 51	.5	9.1	1.1	.5														21	21	12	15	
50/ 49	1.1	7.9	2.7															20	20	22	21	
48/ 47	.5	2.7	1.6															9	9	15	14	
46/ 45	1.1	5.4																12	12	15	16	
44/ 43		1.6																3	3	10	8	
42/ 41		1.1																2	2	2	14	
40/ 39	.5	2.2																5	5	5	4	
38/ 37	1.1	2.2																6	6	4	6	
36/ 35	.5	2.2																5	5	7	2	
34/ 33		1.1																2	2	2	8	
32/ 31		2.2																4	4	3		
30/ 29																				2	6	
TOTAL	16.75	58.6	19.4	4.8	.5													186	186	186	186	
Element (X)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1477590		16516		88.8		7.725		186		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	532166		9812		52.8		8.870		186			1.9	4.4	1.5			90					
Wet Bulb	496820		9484		51.0		8.459		186			2.4	3.4				90					
Dew Point	468532		9196		49.4		8.660		186			2.9	1.9				90					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS

1-63, 74, 76

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73	.4			.4														2	2	1	1			
72/ 71		.4	2.1															6	6					
70/ 69		.4	.4															2	2	2	1			
68/ 67		1.7	.4	.4														6	6	7	2			
66/ 65	.9	1.7	.9															8	8	8	13			
64/ 63	2.6	2.6	.4															13	13	11	9			
62/ 61	.9	3.0	.4	1.7														14	14	11	6			
60/ 59		2.1	1.3	.4														9	9	8	11			
58/ 57	3.4	1.3	.9	.9														15	15	16	16			
56/ 55	3.4	5.2	.9	.9														24	24	17	10			
54/ 53	.4	2.6	.4															9	9	17	19			
52/ 51	1.3	5.2	.4	.9	.4													18	18	11	13			
50/ 49	2.1	4.7	.4															17	17	24	14			
48/ 47	1.7	7.7	.9															24	24	18	21			
46/ 45	1.3	4.7	1.3															17	17	25	19			
44/ 43	1.3	4.7																14	14	12	20			
42/ 41		1.7																4	4	13	15			
40/ 39	.4	1.7																5	5	4	8			
38/ 37		2.1																5	5	3	6			
36/ 35	.9	3.0																9	9	8	8			
34/ 33	.4	1.7																5	5	8	8			
32/ 31		.4																1	1	3	3			
30/ 29	.9	1.7																6	6	5	6			
28/ 27																				1	4			
TOTAL	22.3	60.5	11.2	5.6	.4													233	233	233	233			
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	1900461		20965		90.0		7.785		233		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	649951		12085		51.9		9.987		233			2.7	6.2	.3			90							
Wet Bulb	613033		11737		50.4		9.694		233			3.5	3.9	.4			90							
Dew Point	580898		11402		48.9		9.942		233			5.0	1.5	.4			90							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

01-63,74-76
YEARS

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.2														1	1		
78/ 77					.2													1	1		
76/ 75			.2		.2													2	2		
74/ 73	.2	.2	.8	.4	.4													10	10	2	1
72/ 71		.4	1.0	.2	.2													9	9	3	1
70/ 69		1.4	1.4	.6														17	17	9	3
68/ 67	.2	1.6	1.2	1.4														22	22	16	13
66/ 65	1.0	2.1	1.6	.2	.4													27	27	26	23
64/ 63	.4	2.1	.8	.6	.4	.2												23	23	22	22
62/ 61	1.2	3.5	1.2	1.2			.2											37	37	32	25
60/ 59	1.2	2.9	1.9	1.2	.2													38	38	31	37
58/ 57	1.0	3.7	2.5	.8	.4													43	43	35	30
56/ 55	1.6	3.7	1.8	.6	.4													41	41	44	25
54/ 53	.2	4.7	1.2	.4		.2												34	34	41	39
52/ 51	.8	3.1	1.9	1.4	1.0													42	42	35	42
50/ 49	1.0	5.3	1.4	.2														40	40	43	42
48/ 47	1.4	3.7	1.0	.6	.4													36	36	42	39
46/ 45	.2	2.7	.6	.8														22	22	33	25
44/ 43		2.5	1.2	.2														20	20	25	29
42/ 41	.2	1.6	.4															11	11	23	29
40/ 39		1.6			.2													9	9	13	19
38/ 37	.6	.4	.2															6	6	12	21
36/ 35	.4	1.2																8	8	5	14
34/ 33	.4	1.2																8	8	8	10
32/ 31	.4	.4																4	4	10	11
30/ 29	.2																	1	1	2	8
28/ 27		.2																1	1	1	3
26/ 25																					1
20/ 19																					1
TOTAL	12.3	50.1	22.0	10.7	4.3	.4	.2												513		513
																		513		513	
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	3784176		43700		85.2		10.967		513		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90				
Dry Bulb	1594901		28181		54.9		9.562		513			1.1	10.9	2.5	.2		90				
Wet Bulb	1456390		26922		52.5		9.221		513			2.3	5.3	.4			90				
Dew Point	1352556		25846		50.4		9.920		513			4.2	3.2	.2			90				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-63,74-76

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
88/ 87						.2		.4		.2											4	4		
86/ 85							.6														3	3		
84/ 83					.2	.2	.4														4	4		
82/ 81					.4	.2	.8	.2													8	8		
80/ 79					.4	1.2	.2	.4	.2												12	12		
78/ 77					1.0	.2	.4	.4	.4												12	12	1	
76/ 75			.2	1.0	.8	1.2	1.2	.8	.4												28	28	3	
74/ 73			.8	1.2	1.0	.8	.8	1.0	.2												29	29	7	1
72/ 71		.4	1.4	1.0	2.0	.4	1.2	1.2	.2												39	39	11	3
70/ 69	.2	.2	1.0	1.2	.8	1.6	1.2	.6													34	34	25	12
68/ 67	.4	1.0	1.2	1.8	.8	3.6	.4	.4													48	48	30	16
66/ 65		.8	.4	1.8	2.2	1.6	.4	.4													38	38	33	29
64/ 63	.2	1.6	.4	1.6	1.8	1.2	1.2	.4													42	42	37	22
62/ 61	1.0	1.4	.8	2.6	1.0	1.2	1.0														45	45	43	35
60/ 59	.6	1.8	1.0	.6	2.0	1.8	1.0														44	45	47	38
58/ 57	.6	1.2	.6	1.6	.8	1.6															32	33	62	22
56/ 55	1.2	1.8	.2	1.2	1.6	.8		.2													35	36	55	44
54/ 53	.4	.4	1.0	.8		.6															16	16	36	50
52/ 51		1.0	.4	.6	.4																12	12	28	38
50/ 49	.8	.4		.6	.4																11	11	39	45
48/ 47	.2	.2	.4	.4	.2																7	7	26	30
46/ 45			.2																		1	1	6	29
44/ 43																							10	15
42/ 41																						4	4	19
40/ 39																							1	23
38/ 37																								16
36/ 35																								6
34/ 33																								5
32/ 31																								3
30/ 29																								2
24/ 23																								1
TOTAL	5.6	12.1	9.9	17.9	17.7	18.3	10.7	6.3	1.4	.2												507		504
																					504		504	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	2396558		33682		66.8		17.0		14		504		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	2185352		33012		65.1		8.4		18		507				39.2		17.8		4.4				90	
Wet Bulb	1739231		29377		58.3		7.3		15		504				13.7		2.0						90	
Dew Point	1459979		26731		53.0		9.1		63		504		1.1		5.7		.2						90	

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04774 FORT DEVENS AAF MASS

01-63, 74-76

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.2		.2								2	2		
90/ 89							.4	.4	.6									7	7		
88/ 87							.4	.4										4	4		
86/ 85						.6	.2	1.1		.2								10	10		
84/ 83						.6	.2	.2	.4	.2	.2							9	9		
82/ 81					.2	.6	1.1	.2	.2	.6	.6							17	17		
80/ 79					.8	2.3	.4	.2	.6	.8	.2							26	26		
78/ 77				.2	.8	2.1	.4	1.9	1.9	.8	.6							42	42	5	
76/ 75				.2	1.1	.8	1.3	.6	.4	1.3	.6							30	30	5	
74/ 73			.2	.2	.8	1.5	.8	1.7	1.1	.8								34	34	18	2
72/ 71		.2	.2	1.1	.6	.8	1.7	.6	.4	.2								28	28	11	7
70/ 69		1.1	1.1	1.1	1.3	1.3	2.5	1.1	.4	.2								47	47	24	9
68/ 67	.2	.4	.4	.2	1.1	1.5	1.3	1.7	.6									35	35	34	28
66/ 65		1.1	.6	.6	1.9	1.1	1.3	.8	.2									36	36	30	18
64/ 63		.8	.4	.8	.6	1.3	1.9	1.3										34	34	39	31
62/ 61	.2	.8	.8	.6	.6	1.9	.6	.6										30	30	43	23
60/ 59	.4	1.1	.2	.8	.4	.6	1.1	.4										24	24	50	24
58/ 57	.8	1.3	.4	.8	.4	1.1		.2										24	24	61	29
56/ 55	.4	1.1	.2	.8	.4	.4	.2											17	17	30	36
54/ 53		1.5		.6	.2	.2												12	12	49	29
52/ 51	.8	.4																6	6	28	53
50/ 49																				29	30
48/ 47																				12	28
46/ 45																				5	19
44/ 43																				1	30
42/ 41																					27
40/ 39																					16
38/ 37																					12
36/ 35																					12
34/ 33																					5
32/ 31																					4
30/ 29																					1
24/ 23																					1
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAF: TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

01-43,74-76

YEARS

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89										.3								1	1			
86/ 85						.3		.3										2	2			
84/ 83				.3		.3												2	2			
82/ 81			.3	.3	.3	.3												4	4			
80/ 79			.6		.6	.6			.3									7	7			
78/ 77			.3	1.6	.6		.6		.3									11	11	2		
76/ 75			.9	.9	.6	.3	.6	.3	.3									13	13	4	3	
74/ 73		.6	.6	.9	.6	1.3	.3		.3									14	14	4	3	
72/ 71			.3	.9	2.2	1.9	.3	.3										19	19	17	3	
70/ 69		.6	.9	1.3	1.3	1.6	.6	.3										21	21	6	13	
68/ 67		.3	.9	1.3	1.9	2.5	1.3	.3										27	27	8	9	
66/ 65	.3	1.3	.9	2.2	2.2	.9												25	25	18	10	
64/ 63		1.3	.3	1.3	1.6	2.5												22	22	23	10	
62/ 61	1.9	1.3	.9	1.3	2.2	1.6	.3											30	30	31	15	
60/ 59	.3	.6	1.3	1.3	1.6	.6												19	18	29	24	
58/ 57	.3	1.9	1.6	1.6	.6	.3												20	20	30	21	
56/ 55	.3	.6	.9	1.9	.6	1.3												18	18	25	28	
54/ 53	.9	2.5	2.5	1.3														23	23	28	23	
52/ 51	1.3	.9	1.9	.9	.6													18	18	31	29	
50/ 49	.3	1.6	.3	.6	.3													10	10	23	24	
48/ 47		.9		.6	.3													6	6	16	30	
46/ 45			.6	.3														3	3	9	19	
44/ 43				.3														1	1	5	22	
42/ 41		.3	.3															2	2	3	8	
40/ 39																				4	8	
38/ 37																				1	2	
36/ 35																					7	
34/ 33																					3	
32/ 31																					2	
30/ 29																					1	
TOTAL	5.7	14.5	16.7	21.1	18.3	16.4	4.1	1.6	1.3	.3								317	317	317	317	
Element (X)	ΣX ²		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1674721		22533		71.1		15.2		317		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1301419		20105		63.4		9.1		317				34.4	15.3	3.4		90					
Wet Bulb	1072426		18264		57.6		7.9		317				11.6	2.8			90					
Dew Point	926072		16888		53.3		9.1		317			.9	8.8	1.7			90					

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

61-62

YEARS

GCT
MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

04779	FORT DEVENS AAF MASS
STATION	STATION NAME

60-62,76

BC 7

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62,74-76
YEARS

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65		.2	.5	.5	.2													6	6	
64/ 63		1.5	.5	.2														9	9	2
62/ 61	.5	1.0	1.2															11	11	12
60/ 59	.5	1.0	.5			.2												9	9	10
58/ 57	.5	1.9	.7	.2	.7	.2												18	18	14
56/ 55		1.2	1.7	1.5														18	18	9
54/ 53	.5	4.4	.5	1.5	.5	.2												31	31	13
52/ 51	1.2	3.4	1.7		.7													29	29	34
50/ 49	1.0	3.2	1.0	1.0														25	25	26
48/ 47	1.0	3.6	1.7	.7	.5			.2										32	32	34
46/ 45	1.2	2.4	1.9	1.2	.5													30	30	30
44/ 43	.7	5.1	1.9	.7	.2	.2												37	37	30
42/ 41	.5	2.2	3.2	.2														25	25	26
40/ 39		2.4	2.2	1.5	.7													28	28	26
38/ 37	.2	3.4	2.9	1.0														31	31	27
36/ 35		3.4	1.0	.5														20	20	30
34/ 33	.5	3.4	.5	.2														19	19	32
32/ 31	.7	2.4		.2														14	16	23
30/ 29	.2	1.2	.2															7	7	16
28/ 27		1.5	.5															8	10	8
26/ 25		.7																3	7	5
24/ 23	.5																	2	2	6
22/ 21																				9
20/ 19																				5
18/ 17																				4
16/ 15																				2
12/ 11																				1
TOTAL	9.7	49.5	24.3	11.2	4.1	1.0		.2										412	420	412
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	2786323		33421		81.1	13.531	412		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						93
Dry Bulb	893389		18955		45.1	9.515	420			9.3										93
Wet Bulb	792533		17669		42.9	9.199	412			13.1										93
Dew Point	695979		16353		39.7	10.682	412			26.4										93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENA AAF MASS STATION NAME

60-62,74-76 YEARS

OCT MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77							.2											1	1					
76/ 75								.5										2	2					
74/ 73		.2			.2	.5	.5	.2	.2									8	8	1				
72/ 71					.2	1.0	.2											6	6		1			
70/ 69		.2	.2	.5	1.0	1.0	.2											13	13	1				
68/ 67				.7	.7	.5		.2										9	9		1			
66/ 65		.7	1.4	.7	.7	.7	.5											20	20	3	1			
64/ 63		.7	.5	1.0	.5	1.9	1.4	.2										26	26	16	3			
62/ 61		1.2	.7	.5	.7	1.2	.5	.2										21	21	19	5			
60/ 59		1.0	1.0	1.7	.7	1.0	.7											25	25	22	17			
58/ 57		1.2	1.0	.7	1.2	1.9	.7											28	28	19	15			
56/ 55		2.4	1.2	1.4	1.7	.5	.7											33	33	16	15			
54/ 53	.2	1.2	1.7	1.4	1.4	1.2	.5											32	32	34	29			
52/ 51	.7	3.1	1.4	.7	4.0	1.0												46	46	35	19			
50/ 49	.7	1.4	.7	.7	2.6	.5												28	28	35	29			
48/ 47	.5	1.4	1.4	2.1	1.9	.5												33	33	41	28			
46/ 45		1.9	1.2	1.2	1.0	.5												24	24	33	20			
44/ 43		.2	.7	1.4	1.4													16	16	34	30			
42/ 41		.5	1.4	.5	1.4													16	17	31	22			
40/ 39		1.4	.7	1.0	.2													14	14	18	13			
38/ 37		.7	.2		.5													6	6	23	33			
36/ 35			.5	.7	.2													6	6	16	29			
34/ 33	.2	.5	.5															5	5	11	30			
32/ 31		.2	.5															3	3	6	19			
30/ 29																				6	16			
28/ 27																				1	11			
26/ 25																					12			
24/ 23																					11			
22/ 21																					4			
20/ 19																					4			
16/ 15																					4			
TOTAL	2.4	20.2	16.9	16.9	22.3	13.5	6.2	1.4	.2									421		421	421			
Element (%)	Σ x²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	1998826		28056		66.6		17.535		421				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb	1259530		22716		53.8		9.342		421					.7	8.6	2.4					93			
Wet Bulb	1008732		20284		48.2		8.652		421					2.9	.4	.2					93			
Dew Point	798899		17769		42.2		10.903		421					17.9	.4						93			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62, 74-76
YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
84/ 83										.2								1	1						
82/ 81									.2	.2								2	2						
80/ 79								.2	.7	.2								5	5						
78/ 77		.7					.5	.5	1.0	.2	.2							13	13	1					
76/ 75					.5	.2	1.0	.7	.5	.2								13	13	2	3				
74/ 73						1.0	.5	.2	.5									9	9						
72/ 71					1.0	1.0		1.0										12	12						
70/ 69			.5		1.0	.7	1.0	.5										15	15						
68/ 67			.7		1.7	2.2	1.0	1.7	.7									33	33	3					
66/ 65		.5	.7		1.2	.2	.7	1.0	1.7									25	25	12	1				
64/ 63	.2	1.7	.2	.5	.7		1.5	1.0	.2									25	25	21	3				
62/ 61		.2	.5	.7	.7	.2	1.0	1.5										20	20	29	13				
60/ 59	.5	.7	.5	1.0	.5	.7	1.5	1.2										27	27	22	11				
58/ 57		.2	.7	1.0	1.7	1.5	2.2	.2	.2									32	32	29	17				
56/ 55		1.2	.5	2.2	1.5	2.2	.7											34	34	14	19				
54/ 53	1.0	1.9	.7	.2	2.7	1.9	.5											37	37	35	22				
52/ 51	.5	1.5		.7	1.7	.5	.7											23	23	38	28				
50/ 49	.5	1.2	.2	.5		1.5		.2										17	17	45	30				
48/ 47	.2	.5	.5	.2	.7	2.7												20	20	30	25				
46/ 45	.5	1.0	.2	1.0	1.0	.5												17	17	41	26				
44/ 43			.2	.2	.5	.7												7	7	19	18				
42/ 41		.5	.5	.2	1.7	.5												14	14	8	19				
40/ 39		.2	.2		1.0													6	6	23	21				
38/ 37					.2													1	1	13	23				
36/ 35	.2																	1	1	12	26				
34/ 33	.5																	2	2	9	28				
32/ 31																				5	16				
30/ 29																					10				
28/ 27																					12				
26/ 25																					8				
24/ 23																					8				
22/ 21																					6				
20/ 19																					7				
18/ 17																					7				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

<u>04779</u>	<u>FORT DEVENS AAF MASS</u>
STATION	STATION NAME

50-62,74-76

PAGE 2

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

60-62, 74-76

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83										.3								1	1			
82/ 81									.3									1	1			
80/ 79						.3	.5		.3		.3							5	5			
78/ 77		.3			.3			.5	.3	.3	.3							7	7			
76/ 75		.3			.3	.5	1.0	1.0	.3	.3								14	14	1		
74/ 73		.3			.5	.3		.3	.8	.3								9	9	1	2	
72/ 71		.5		.3	.5	1.0	1.3	.5	.5									18	18	1	1	
70/ 69			.8	.5	.3	.5	1.3	.3	.3									15	15	4	2	
68/ 67			.3		1.3	1.3	.5	.8	.5	.3								19	19	4		
66/ 65		.3	.3	.5	.5	1.0	.8	.8	1.0									20	20	12	2	
64/ 63		.8	.3	.8	.8	.8	1.0	.5										19	19	13	4	
62/ 61	.3	.3		1.0	1.8	1.3	1.8	1.3										30	30	21	14	
60/ 59			.3	1.3	2.0	1.3	1.8	.5	.3									29	29	17	6	
58/ 57		.5	.5	.8	1.5	1.8	.5	1.0										26	26	20	9	
56/ 55	.8	1.8	.5	1.3	1.5	1.8	.5											32	32	31	14	
54/ 53	.3	1.5	.5	1.0	1.3	1.8	1.8											32	32	31	25	
52/ 51	.3	1.0	1.0	1.3	.5	.8	.3											20	20	36	18	
50/ 49	.3	1.5	.3	.8	.8	2.8	1.0											29	29	39	27	
48/ 47	.3	1.8	.3	.8	.5	1.5												20	20	36	32	
46/ 45		.3	.8	1.0	1.8	.3												16	16	28	21	
44/ 43	.5		.3		1.0	.5												9	9	19	22	
42/ 41	.3	.3			.8	.8												8	8	22	28	
40/ 39		.5		.3	.8													6	6	15	18	
38/ 37				.3	.5													3	3	19	25	
36/ 35	.3	.8		.3														5	5	7	25	
34/ 33																				8	21	
32/ 31																				5	9	
30/ 29																				3	11	
28/ 27																					11	
26/ 25																					9	
24/ 23																					12	
22/ 21																					12	
20/ 19																					4	
18/ 17																					3	
Element (X)	Σ X ²		Σ X		X̄		e _x		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

50-62,74-76

NET
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11/1/71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

50-62, 74-76
YEARS

OCT
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.4												1	1		
72/ 71			.4	.4	.4	.4												4	4		
70/ 69		.4		.4		.4												3	3		
68/ 67		.4		.4	1.2	.8			.4									8	8	2	1
66/ 65		.4	.8	1.2	.4	.8												9	9	3	1
64/ 63		1.2	1.6	1.2	.4	.4	.4											13	13	5	3
62/ 61	1.2	.4	2.0	1.6	1.2													16	16	9	5
60/ 59		1.2	1.6	.4		.8	.4											11	11	13	7
58/ 57		.4	1.2	2.4	2.0	1.2												18	18	14	7
56/ 55	.8	1.6	1.2	2.0	2.8	1.2	.4											25	25	17	17
54/ 53	1.6	1.2	2.0	.4	2.0	.4												19	19	14	16
52/ 51	1.2	.4	1.6	2.4	1.6													18	18	20	12
50/ 49	.4	2.0	2.0	2.8	2.0	.4												24	24	18	11
48/ 47	.8	.8	1.2	1.2	1.2													13	13	25	21
46/ 45		1.2	2.8	4.4	.8													23	23	18	9
44/ 43		.4	.4	.8	2.0	.4												10	10	16	10
42/ 41	.4	2.4		2.4	.4													14	15	25	15
40/ 39	.4		.4	.4	.4													4	4	16	26
38/ 37	.4		.8		.4													4	4	7	22
36/ 35		.8		.8	.8													6	7	10	8
34/ 33		.4	1.2	.4														5	5	6	11
32/ 31		.4	.4															2	2	5	9
30/ 29																				3	7
28/ 27																				4	10
26/ 25																					10
24/ 23																					3
22/ 21																					3
20/ 19																					2
18/ 17																					2
16/ 15																					1
14/ 13																					1
12/ 11																					1
TOTAL	7.2	16.0	21.6	26.0	20.0	7.6	1.2		.4									250	252		250
																		250		250	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	1296971		17545		70.2		16.239		250		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	714764		13226		52.5		9.061		252			.7	5.9	.4			93				
Wet Bulb	589884		11942		47.8		8.836		250			4.5	.7				93				
Dew Point	483063		10637		42.5		11.064		250			17.9	.4				93				

PSYCHROMETRIC SUMMARY

EN-62

YEARS

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

61-62

NOV
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65			.6															1	1			
64/ 63		.6	.6															2	2			
62/ 61																				3		
60/ 59		1.7																3	3		3	
58/ 57																				3	1	
56/ 55		1.1	.6															3	3		2	
54/ 53	.6	1.1																3	3	3	1	
52/ 51	2.8	1.1																7	7	9	6	
50/ 49	1.1			.6	.6													4	4	3	5	
48/ 47	1.1	.6	.6	1.1														6	6	2	2	
46/ 45	1.7	.6	1.7	.6														3	8	4	4	
44/ 43	1.1	1.7																5	5	6	4	
42/ 41			.6															1	1	8	2	
40/ 39	1.7	.6	1.7	1.7														10	10	4	5	
38/ 37	.6	1.1	3.3	2.2	1.1													15	15	3	4	
36/ 35	1.1	2.2	7.8	1.1														22	22	9	6	
34/ 33		3.3	2.8															11	11	17	4	
32/ 31	2.8	7.8	3.3															25	25	32	6	
30/ 29	.6	6.1	3.3															18	18	16	21	
28/ 27		2.2	.6															5	5	20	18	
26/ 25		8.3	.6															16	16	12	10	
24/ 23		5.0	.6															10	10	14	20	
22/ 21	.6	1.1																3	3	9	15	
20/ 19	.6	.6																2	2	2	24	
18/ 17																				1	6	
16/ 15																					3	
14/ 13																					3	
12/ 11																					1	
TOTAL	16.1	46.7	28.3	7.2	1.7													180	180	180	180	
Element (X')	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1162651		14255		79.2		13.728		180		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	249590		6478		36.0		9.588		180			39.5					90					
Wet Bulb	222226		6086		33.8		9.587		180			53.0					90					
Dew Point	182607		5377		29.9		1.082		180			64.5					90					

9477-54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY'

47-52

YI'ARS

MDV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/ 61			.5															2	2			
60/ 59		.8	.5															5	5			
58/ 57		1.0		.5	.3													7	7	6	1	
56/ 55	.3	.5	.3	.3														5	5	6	6	
54/ 53		1.3	.3	.3														7	7	3	6	
52/ 51		.3	.3															2	2	7	4	
50/ 49	.5	.3	.3															4	5	6	6	
48/ 47		1.8	1.3		.3													13	16	6	4	
46/ 45	1.0	2.6	.5	.3														17	18	13	10	
44/ 43	1.0	1.6	1.3	.5														17	17	18	17	
42/ 41	.3	1.6	1.0	1.0														15	18	9	6	
40/ 39	.8	2.3	1.6	1.0														22	23	17	14	
38/ 37	1.0	1.6	3.4	1.8														30	30	20	18	
36/ 35	1.3	3.4	3.4	1.0														35	35	19	14	
34/ 33	.8	4.7	3.6	.3														36	36	33	8	
32/ 31	2.3	3.6	2.9	.3														36	36	48	30	
30/ 29	.3	3.1	2.3															22	22	36	28	
28/ 27	.8	6.0	2.6															36	36	29	25	
26/ 25	.5	6.0	.8															28	28	33	30	
24/ 23		3.4	.5															15	15	34	41	
22/ 21	1.6	1.8	.3															14	14	16	24	
20/ 19	.3	1.0	.3															6	6	12	29	
18/ 17	.5	.3	.8															6	6	5	24	
16/ 15	.3	.5																3	3	5	17	
14/ 13																				2	9	
12/ 11	.3																	1	1	1	6	
10/ 9																					2	
8/ 7																					2	
6/ 5																					2	
4/ 3																					1	
TOTAL	13.8	49.5	28.6	7.6	.5													384	393	384	384	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	2464860	30358	79.1	13.01	384	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	520122	13792	35.1	9.597	393		38.2					90										
Wet Bulb	444666	12566	32.7	9.346	384		51.8					90										
Dew Point	362585	11043	28.8	10.841	384		63.3					90										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN-71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100
HOURS (L.S. T.)

[illegible]

U.S. DEPARTMENT OF JUSTICE
 FORM 0-26-3 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

477-54321

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

60-62,74-76

YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.2														1	1	
74/ 73				.4	.4													4	4	
70/ 69			.2															1	1	2
68/ 67			.2	.4														3	3	1
66/ 65			.2	.2	.2		.7											6	6	3
64/ 63			.2		.2	.2	.2	.2	.2	.2								7	7	2
62/ 61				.4	1.1	.2	.2	.2	.2									10	10	3
60/ 59		.4			.2	.7			.2									8	13	1
58/ 57		.2		.9	.4	.7	1.1	.7										18	18	3
56/ 55	.9	.7	.2	.9	1.1	1.8	.2	.7	.4									31	32	9
54/ 53	.2	.9	.4	.7	1.3	1.1	1.3	.4										29	31	19
52/ 51		.9	1.1	.9	2.5	1.8	2.2											42	42	7
50/ 49		1.1	1.6	1.1	.7	2.0	2.0											38	38	21
48/ 47		.7	.4	.7	2.9	2.2												31	31	26
46/ 45	.9	1.3	1.6	.9	1.1	1.6												33	33	42
44/ 43		.4	1.3	.4	2.0	1.3	.4											27	27	26
42/ 41		1.1	2.0	.4	2.5	.4												29	29	38
40/ 39	.7	1.6	.2	2.0	2.2													30	30	52
38/ 37	.4	1.3	1.6	2.2	1.1													30	30	42
36/ 35	.7	.4	.2	1.3	2.0													21	21	33
34/ 33	.7	1.3	2.0	.9	.9													26	26	34
32/ 31		.4	.2	.9	.4													9	9	31
30/ 29	.4	.2	.9															7	7	24
28/ 27			.4	.4														4	4	13
26/ 25			.2															1	1	9
24/ 23																				3
22/ 21																				2
20/ 19																				
18/ 17																				
16/ 15																				
14/ 13																				
12/ 11																				
10/ 9																				
8/ 7																				
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total		
Dry Bulb																				
Wet Bulb																				
Dew Point																				

1

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MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11-71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

10-62-74-76

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.5														2	2		
74/ 73				.2														1	1		
72/ 71					.5													2	2		
70/ 69				.2														1	1	2	
68/ 67				.7														3	3	1	2
66/ 65							.5			.2								3	3	2	1
64/ 63			.5	.2	.2	.2	.2											6	6	1	
62/ 61			.5	.2	.2	.7	.2	.7										11	11	3	2
60/ 59		.2		.2	.2	.7	.2	.5	.2									10	12	3	4
58/ 57	.5	1.1		.5	1.1	.9	.5	.2										21	24	7	6
56/ 55		.2	.5	.7	1.1	1.4	.2	.2	.5									21	23	6	4
54/ 53		.9	1.1	.7	1.1	1.4	.5	.7										28	29	11	6
52/ 51		.2	.9	.5	1.8	2.1	1.4	.5										32	32	10	3
50/ 49		.9	1.6	1.4	.5	.9	1.4	.2										30	31	23	8
48/ 47		1.8	.5	1.4	1.4	1.8	.7											33	33	25	6
46/ 45		.5	1.6	1.1	2.3	2.1	.5											35	35	30	15
44/ 43		.7	.5	.9	1.8	.9	.2											22	22	27	22
42/ 41		1.1	.9	1.4	1.1	.5												22	22	30	8
40/ 39	.5	.9	1.8	2.3	2.5	.2												36	36	36	19
38/ 37	1.1	.7	1.8	2.3	1.6	.2												34	34	46	28
36/ 35	.2	1.1	.5	2.8	1.1													25	25	34	26
34/ 33	1.1	2.8	2.5	1.4	.7													37	37	38	17
32/ 31			.7	1.4	.2													10	10	45	33
30/ 29			.5	.2														3	3	25	28
28/ 27			.5	.5														4	4	14	25
26/ 25			.2	.5														3	3	10	20
24/ 23																				3	17
22/ 21																				3	32
20/ 19																					33
18/ 17																					21
16/ 15																					13
14/ 13																					12
12/ 11																					11
10/ 9																					6
Element (X)	ΣX ²		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT DEVENS AAF MASS
STATION NAME

60-62, 74-76

YEARS

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point		
70/ 69				.6															2	2			
68/ 67				.9															3	3			
66/ 65			.6																2	2			
64/ 63			.3																1	1	4		
62/ 61		.3	.3	.3	.3	.3													5	5	3	2	
60/ 59	.3	.3			.3														3	5	3	5	
58/ 57	.3	.6	.3		.6														6	7	4	4	
56/ 55	.6	.9		.6	.3														8	8	4	6	
54/ 53	.6	.3	.9	.3	.3														8	9	9	4	
52/ 51			1.2	.9	1.2	.3	.6												14	16	4	3	
50/ 49		.9	.9	.3	1.5	1.2													16	16	9	2	
48/ 47		1.5	1.7	.9	.6	.3													17	19	6	8	
46/ 45		.9	4.1	.9	.6	.6													24	25	15	10	
44/ 43		.9	2.0	2.6	.6	.3													22	22	13	8	
42/ 41	.6	1.2	2.0	1.5	1.2														22	22	28	7	
40/ 39	1.2	.9	3.2	2.3	.6														28	28	24	16	
38/ 37	.6	1.2	2.6	3.2	.9														29	29	30	22	
36/ 35		.9	3.2	2.9															24	25	24	13	
34/ 33	.9	3.2	5.0	2.0															38	38	28	21	
32/ 31	1.7	2.3	5.2	.9															35	35	39	24	
30/ 29		.6	4.1	2.3															24	24	41	23	
28/ 27			1.7																6	6	23	23	
26/ 25		.3	.9																4	4	21	26	
24/ 23			.3																1	1	7	23	
22/ 21																					2	24	
20/ 19		.3																	1	1	1	22	
18/ 17																					1	15	
16/ 15																						13	
14/ 13																						10	
12/ 11																						1	
10/ 9																						3	
8/ 7																						5	
TOTAL	6.7	17.2	40.5	23.3	8.7	2.9	.6												343	353	343	343	
Element (X)	Σx ²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	1682830		23364		68.1		16.344		343		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90						
Dry Bulb	623891		14467		41.0		9.383		353			18.1	1.3				90						
Wet Bulb	491062		12604		36.7		9.034		343			35.4					90						
Dew Point	361980		10418		30.4		1.541		343			55.6					90						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FJRT DEVFNS AAF MASS
STATION STATION NAME

62.75

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 65		.5	.9															3	3			
64/ 63			.9															2	2	1		
62/ 61			.5															1	1	2	1	
60/ 59					.9													2	5	2	2	
58/ 57				.5														1	1	1	2	
56/ 55	1.4	1.8																7	7	4	4	
54/ 53	.9	2.3		1.4														10	10	7	6	
52/ 51	.5																	1	2	7	6	
50/ 49	.5	.5		1.8		.5												7	9	4		
48/ 47	.5		.5		.5	.9												5	5	2	3	
46/ 45	.5	1.8	.5	.5														7	7	5	4	
44/ 43	.5	1.4	.9															6	9	6	7	
42/ 41	.5	.5		2.3														7	7	5	3	
40/ 39	.9	1.4	5.5	2.3														22	22	10	6	
38/ 37	1.4	2.7	2.7	2.7														21	21	9	7	
36/ 35		1.8	3.6	.5														13	13	26	6	
34/ 33		5.0	1.4	.5														15	15	14	5	
32/ 31	2.7	5.9	3.0	.5														31	31	34	23	
30/ 29	.9	6.4	3.2															23	23	16	22	
28/ 27	.9	5.5	2.3	.9														21	21	30	15	
26/ 25		2.7	.9															8	8	21	20	
24/ 23		2.3																5	5	8	22	
22/ 21		.9																2	2	6	21	
20/ 19																					18	
18/ 17																					10	
16/ 15																					2	
14/ 13																					3	
12/ 11																					2	
TOTAL	11.8	43.2	28.6	13.6	1.4	1.4												220	229	220	220	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	1337092		16852		76.6		14.529		220		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	351438		8680		37.9		9.919		229			35.4					90					
Wet Bulb	284813		7643		34.7		9.385		220			47.0					90					
Dew Point	227610		6658		30.3		10.920		220			64.6					90					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS

0-62

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
48/ 47		.5																1	1				
46/ 45	.5	.5																2	2	2	1		
44/ 43		2.1																4	4	3	4		
42/ 41		1.1																2	2	3	1		
40/ 39			1.6															3	3	1	3		
38/ 37	1.1	.5	1.6	1.6														9	9	3	3		
36/ 35	.5	.5	2.1															6	6	5			
34/ 33		3.7	1.6															10	10	5	2		
32/ 31	2.6	6.3	2.6															22	22	19	8		
30/ 29	1.1	4.8	1.1															13	13	22	12		
28/ 27	1.1	5.8	3.2															19	19	12	16		
26/ 25	1.6	3.2	2.1															13	13	13	8		
24/ 23	2.1	4.2	.5															13	13	21	11		
22/ 21	.5	3.2																7	7	13	17		
20/ 19		2.6	1.1															7	7	3	16		
18/ 17	.5	5.3																11	11	8	7		
16/ 15	1.6	3.2																9	9	14	6		
14/ 13		2.6																5	5	7	11		
12/ 11	1.1	2.6																7	7	6	11		
10/ 9	.5	4.2																9	9	9	5		
8/ 7	1.1	2.1																6	6	7	8		
6/ 5	.5	1.1																3	3	4	5		
4/ 3	.5		.5															2	2	2	5		
2/ 1	.5	1.1																3	3	1	9		
0/ -1																				3	7		
-2/ -3																					2		
-4/ -5		1.1																2	2		2		
-6/ -7		.5																1	1	3	2		
-10/-11																					1		
-14/-15																					1		
-16/-17																					1		
-18/-19																					1		
-20/-21																					2		
-22/-23																					1		
Element (X)	ΣX ²		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVEN'S AAF MASS
STATION STATION NAME

60-62

YEARS

DEC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 51			.5															1	1		
50/ 49			1.1															2	2		
48/ 47																				1	
46/ 45			.5															1	1	2	1
44/ 43	.5	1.6																4	4	3	3
42/ 41		.5																1	1	2	2
40/ 39		1.1	.5															3	3	1	
38/ 37	.5		1.1															3	3	3	6
36/ 35		1.1	1.6	1.6														8	8	2	
34/ 33		3.2	2.6															11	11	5	
32/ 31	2.1	4.8	1.6															16	16	13	8
30/ 29	1.6	5.8	1.1															16	16	26	10
28/ 27	.5	3.7	2.6															13	13	8	10
26/ 25	1.1	4.2	3.7															17	17	17	14
24/ 23	3.2	5.8	.5															18	18	16	15
22/ 21	.5	1.6																4	4	15	14
20/ 19	.5	4.2																9	9	11	11
18/ 17	2.1	3.7																11	11	10	9
16/ 15	1.1	2.1																6	6	7	10
14/ 13	1.1	2.1																6	6	5	10
12/ 11	.5	1.6																4	4	5	16
10/ 9	2.1	.5																5	5	7	4
8/ 7	.5	3.7																8	8	4	3
6/ 5	2.6	2.1																9	9	11	5
4/ 3	1.1	1.1																4	4	5	6
2/ 1	.5	.5																2	2	3	8
0/ -1		1.6																3	3	1	4
-2/ -3	.5																	1	1	3	4
-4/ -5		.5																1	1		3
-6/ -7	1.1																	2	2	3	4
-8/ -9																					3
-10/-11																					2
-12/-13																					1
-14/-15																					3
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

50-62

YEARS

DEC
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62.74-76
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
66/ 65					.2													1	1		
64/ 63				.2														1	1		
58/ 57																				2	
54/ 53																				2	
52/ 51		.4	.2															3	3		
50/ 49																			3		
48/ 47			1.1															5	5	3	
46/ 45		.2																1	1		
44/ 43	.2	1.3																7	7	4	
42/ 41		.9	.7		.2													8	8	7	
40/ 39		.2	.4															3	3	2	
38/ 37		1.6	.4		.2													10	10	5	
36/ 35		1.8	.9	.2														13	13	4	
34/ 33		2.2	2.2															20	20	9	
32/ 31	2.0	4.5	1.3	1.3														41	41	15	
30/ 29	.7	5.4	2.0	.4														38	38	26	
28/ 27	.7	5.4	3.1	.2														42	42	19	
26/ 25	.9	3.8	1.8															29	29	20	
24/ 23	1.1	3.8	.9															26	26	16	
22/ 21	1.3	2.5	.2															18	18	37	
20/ 19	.4	2.0	2.0															20	20	29	
18/ 17	1.6	3.5	1.3															29	29	25	
16/ 15	.4	3.4	.2															18	18	18	
14/ 13	.2	2.5	.9															16	16	31	
12/ 11	1.3	1.1	.4															13	13	29	
10/ 9	.9	2.7																16	16	11	
8/ 7	.9	3.4																19	19	21	
6/ 5	2.2	2.7																22	22	16	
4/ 3	.9	1.1																9	9	23	
2/ 1	.7	1.3																9	9	16	
0/ -1	.7	.2																4	4	11	
-2/ -3	.2	.9																5	5	10	
-4/ -5		.2																1	1	13	
-6/ -7																				3	
																				18	
																				6	
Element (X)	Σ X ²		Σ X		X		Σ X		X		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

50-52, 74-76

YEARS

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 STATION FORT LEVENS AAF MASS

50-62.74-76

YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
62/ 61			.2														1	1		
60/ 59					.2												1	1		
58/ 57					.2												1	1	1	
56/ 55																				1
54/ 53			.2														1	1		
52/ 51		.4		.4		.2											5	5	3	
50/ 49			.2	.2	.4	.2											5	5	2	3
48/ 47			.4	.4	.2												5	5	2	
46/ 45	.4	.2		.4													5	5	4	4
44/ 43	.2	.4	.2	.6	.2	.2											9	9	4	4
42/ 41	.2	.6	1.6	.8	.2												17	17	10	5
40/ 39		.6	1.7	1.4	.8												23	23	6	3
38/ 37	.2	1.0	3.5	1.7	1.0												38	38	19	2
36/ 35	.2	1.6	4.3	1.6	.2												40	40	27	10
34/ 33	1.0	4.1	2.7	1.4	.2												48	48	36	11
32/ 31	.6	2.9	3.5	1.7	.2												46	46	58	33
30/ 29	.2	3.3	3.7	1.0	.2												43	43	49	32
28/ 27	.2	2.1	2.1	.2													24	24	43	33
26/ 25	.6	3.3	2.1	1.0													36	36	44	34
24/ 23	.4	3.3	1.4	.4													28	28	32	32
22/ 21		1.9	1.7	.4													21	21	34	32
20/ 19		2.9	2.1	.6													29	29	22	41
18/ 17	.6	1.4	1.9	.2													21	21	23	25
16/ 15	.2	1.6	1.0														14	14	22	31
14/ 13		2.1	.8														15	15	15	34
12/ 11	.4	1.4	.6														12	12	20	17
10/ 9	.4	1.6	.8														14	14	14	13
8/ 7		1.0	.2														6	6	11	17
6/ 5		.6															3	3	7	15
4/ 3		.6															3	3	4	19
2/ 1																			2	12
0/ -1		.2															1	1		8
-2/ -3																			1	10
-4/ -5																				7
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENA AAF MASS
STATION STATION NAME

20-22-76
YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
68/ 67											.2							1	1			
66/ 65											.2							1	1			
64/ 63						.2	.2											2	2			
62/ 61						.2	.2											1	1			
58/ 57					.4	.2	.2											4	4			
56/ 55		.2	.2					.2										3	3			
54/ 53		.4		.2	.2	.4												6	6	3		
52/ 51			.6	.2														4	4	4	2	
50/ 49	.2	.2			.2													3	3	3	2	
48/ 47	.2		.2	.6	.4	.2												8	8	9	3	
46/ 45		.2	.4	.2	.2	.8												9	9	4	3	
44/ 43	.4	.4	.6	1.5	.8	.6												21	21	10	6	
42/ 41	.2	.6	.8	2.3	1.1	.2												25	25	6	3	
40/ 39		.8	3.2	2.5	1.1													36	36	8	7	
38/ 37	.6	1.7	1.5	1.7	1.7													34	34	25	11	
36/ 35	1.1	4.4	2.3	3.0	1.3													57	57	55	10	
34/ 33	.4	2.5	2.1	2.1	1.7													42	42	45	19	
32/ 31	.6	2.1	2.3	2.1	.2													35	35	46	34	
30/ 29	1.1	1.3	2.1	1.5	.4													30	30	42	29	
28/ 27	.6	1.7	3.8	1.9														38	38	35	35	
26/ 25		1.7	2.1	1.1														23	23	40	34	
24/ 23	.4	.6	1.1	1.1														15	15	29	16	
22/ 21	.2	1.1	2.1	.8														20	20	25	36	
20/ 19		1.3	.8	.4														12	12	19	27	
18/ 17		.6	1.9	.6														15	15	17	25	
16/ 15	.2	.4	1.3															9	10	10	26	
14/ 13	.2	.2	.8															6	6	14	26	
12/ 11	.2	.2	.4															4	4	9	14	
10/ 9			.4															2	2	5	14	
8/ 7																				2	19	
6/ 5		.8																4	4	2	20	
4/ 3																				3	3	
2/ 1		.2																1	1	1	7	
0/ -1		.2																1	1		5	
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVERNS AAF MASS
STATION STATION NAME

60-62, 74-76
YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
60/ 59					.3	.3												2	2					
54/ 53				.3	.3													2	2					
52/ 51																				2				
50/ 49		.5	.5															4	4					
48/ 47				.5														2	2	4	2			
46/ 45			.3	.3														2	2	2				
44/ 43		1.3	1.1	.3	.3													11	11	1	2			
42/ 41	.3	.3	.8	.3	.5													8	8	9	7			
40/ 39	1.1	.5	1.1	.8	.3	.3												15	15	11	6			
38/ 37	.3	1.6	5.0	1.1														30	30	6	7			
36/ 35	.5	3.4	2.6	1.6														31	31	17	7			
34/ 33	.8	2.4	3.4	.5	.5													29	29	42	11			
32/ 31	1.6	2.9	2.1	1.3	.3													31	31	34	24			
30/ 29	1.3	4.2	2.6	.8														34	34	32	26			
28/ 27		3.2	2.6	.8														25	25	28	19			
26/ 25	.5	2.6	2.6	.8														25	25	27	28			
24/ 23	.3	3.7	1.8															22	22	30	22			
22/ 21	.5	1.3	2.1															15	15	25	27			
20/ 19		2.1	2.1	1.1														20	20	13	23			
18/ 17		2.4	1.3															14	14	18	16			
16/ 15	.8	1.8	2.1															18	18	22	18			
14/ 13	.3	2.1	1.1															13	13	13	15			
12/ 11	.8	1.1	.8															10	10	16	13			
10/ 9	.5	.5	.5															6	6	11	15			
8/ 7		.3	.5															3	3	5	20			
6/ 5		.5	.3															3	3	3	14			
4/ 3		.3																1	1	5	9			
2/ 1																					4			
0/ -1																					3			
-2/ -3		.3																1	1		5			
-4/ -5		.5																2	2	2	7			
-6/ -7																				1	5			
-8/ -9																					4			
-10/-11																					6			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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67-62, 74-76

YEARS

DEC
MONTH

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04779 FORT DEVENS AAF MASS
STATION STATION NAME

60-62.75
YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45		.4	.8	1.2														6	6		
44/ 43		1.6																4	4	2	
42/ 41		.8	.4															3	3	10	5
40/ 39	1.2		2.4	.8														11	11	3	5
38/ 37			2.4	.8														8	8	4	1
36/ 35	.4	1.2	2.8															11	11	5	5
34/ 33	1.2	2.0	4.3															19	19	13	5
32/ 31	1.2	4.0	1.2															16	16	23	9
30/ 29	1.6	4.3	2.4	.8														23	23	28	18
28/ 27		3.6	2.4															15	15	10	12
26/ 25	.4	3.6	2.0	.4														16	16	14	25
24/ 23	1.2	7.1	1.2															24	24	26	10
22/ 21	.8	.4																3	3	19	16
20/ 19	1.2	3.2	2.8															18	18	12	15
18/ 17	.4	4.0	1.2															14	14	4	15
16/ 15		4.0	.4															11	11	22	18
14/ 13	.4	4.3																12	12	13	6
12/ 11	.8	3.5																11	11	9	5
10/ 9	.8	4.3																13	13	16	9
8/ 7	1.2	.8																5	5	9	14
6/ 5	.4	1.6																5	5	2	11
4/ 3		.8																2	2	4	5
2/ 1																				2	9
0/ -1																					11
-2/ -3																					6
-4/ -5		.4																1	1		2
-6/ -7		.8																2	2	1	6
-8/ -9																				2	2
-10/-11																					2
-16/-17																					2
-18/-19																					2
-20/-21																					2
TOTAL	13.0	56.5	26.5	4.0														253	253	253	253
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	1396765		18357		72.6		16.039		253		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	182952		6214		24.6		10.604		253		1.1	70.2					93				
Wet Bulb	156008		5736		22.7		10.150		253		1.1	79.4					93				
Dew Point	113536		4186		16.5		13.263		253		12.9	85.3					93				

DATA PROCESSING PRACTICE
USAF ETAC
AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FORT DEVERNS AAF MASS

60-63,74-76

STATION		STATION NAME												YEARS											
HRS ILST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	21.6	18.6	31.7	39.7	49.0	59.8	63.0	61.3	52.8	44.8	36.0	24.0	41.9											
	S D	10.815	11.696	8.688	8.164	8.118	7.023	6.909	5.874	8.870	8.912	9.588	10.870	17.685											
	TOTAL OBS	187	168	186	180	186	180	186	188	186	122	180	189	2138											
03-05	MEAN	20.1	16.8	29.9	37.6	46.5	58.3	60.6	59.0	51.9	43.7	34.8	22.8	41.7											
	S D	11.317	13.003	8.792	7.994	8.159	7.400	7.306	6.637	9.987	9.652	9.741	11.620	17.632											
	TOTAL OBS	188	170	186	183	234	230	233	233	233	170	181	189	2430											
06-08	MEAN	18.3	19.9	30.2	41.7	53.1	63.3	66.6	63.6	54.9	45.1	35.1	22.7	44.4											
	S D	12.411	13.609	9.416	9.034	8.757	7.729	6.876	7.153	9.562	9.515	9.597	11.692	19.355											
	TOTAL OBS	278	407	492	490	507	513	527	530	513	420	393	447	5617											
09-11	MEAN	24.2	27.4	38.0	50.9	62.1	72.1	75.6	73.4	65.1	53.8	41.8	28.6	51.8											
	S D	10.775	11.240	9.833	10.639	10.226	8.540	7.046	7.249	8.418	9.342	8.891	10.261	20.435											
	TOTAL OBS	446	459	511	495	506	514	528	535	507	422	452	515	5890											
12-14	MEAN	30.2	32.9	42.9	55.2	66.6	76.5	80.3	77.9	69.9	58.9	46.9	33.8	56.6											
	S D	9.352	10.367	10.708	12.024	11.360	9.414	7.330	7.915	8.908	10.079	9.339	10.021	20.276											
	TOTAL OBS	445	459	513	493	502	507	515	520	497	411	454	505	5821											
15-17	MEAN	29.9	33.9	43.6	55.7	66.3	76.6	80.4	78.0	69.5	58.3	46.0	32.7	56.6											
	S D	9.210	10.510	10.796	12.177	11.357	9.662	7.309	8.092	8.853	10.113	9.365	10.207	20.313											
	TOTAL OBS	418	434	476	478	495	487	495	499	474	393	444	473	5566											
18-20	MEAN	25.0	28.7	38.8	50.3	60.7	72.1	75.2	72.3	63.4	52.5	41.0	28.1	50.4											
	S D	9.559	10.209	9.597	10.515	10.085	8.479	6.870	7.028	9.124	9.061	9.383	10.183	20.001											
	TOTAL OBS	339	330	354	344	337	361	336	340	317	252	353	379	4042											
21-23	MEAN	21.7	22.9	33.9	43.6	53.5	64.7	67.0	64.8	57.1	48.1	37.9	24.6	44.5											
	S D	10.516	10.588	8.403	7.764	8.366	7.361	6.233	5.595	9.250	8.810	9.919	10.604	18.521											
	TOTAL OBS	252	229	257	251	232	243	228	235	222	165	229	253	2796											
ALL HOURS	MEAN	24.6	26.8	37.3	48.6	59.2	69.7	73.0	70.6	62.2	52.2	41.1	28.2	50.1											
	S D	11.270	12.778	11.092	12.145	12.105	10.676	9.827	9.917	11.288	11.135	10.452	11.375	20.440											
	TOTAL OBS	2653	2656	2975	2914	2999	3035	3048	3080	2949	2355	2686	2950	34300											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63,74-76

STATION		STATION NAME												YEARS											
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	19.9	17.0	29.1	36.4	45.7	56.7	60.0	59.2	51.0	42.2	33.8	22.5	39.5											
	S D	10.605	11.467	8.087	7.378	7.808	6.185	6.654	5.770	8.459	8.280	9.587	10.525	17.187											
	TOTAL OBS	187	168	186	180	186	180	186	188	186	122	180	189	2138											
03-05	MEAN	18.5	15.5	27.8	35.0	44.1	55.9	58.4	57.4	50.4	41.8	32.9	21.4	39.8											
	S D	10.907	12.741	8.322	7.456	7.896	6.862	7.125	6.644	9.694	9.117	9.596	11.098	17.317											
	TOTAL OBS	189	170	186	183	234	230	233	233	233	168	181	189	2428											
06-08	MEAN	16.9	18.3	27.6	37.6	48.4	58.8	62.1	59.9	52.5	42.9	32.7	21.0	41.3											
	S D	11.923	12.999	8.712	8.188	7.942	6.651	6.118	6.442	9.221	9.199	9.346	11.180	18.272											
	TOTAL OBS	378	407	492	490	506	513	527	530	513	412	384	447	5599											
09-11	MEAN	21.8	24.4	32.8	42.7	52.9	62.7	66.0	64.5	58.3	48.2	37.3	25.7	45.4											
	S D	10.264	10.272	8.357	8.219	7.987	6.386	5.617	5.477	7.315	8.652	8.417	9.617	17.694											
	TOTAL OBS	446	459	511	495	506	514	528	535	504	421	444	515	5873											
12-14	MEAN	26.7	28.7	36.0	44.9	55.1	64.5	68.0	65.9	60.2	50.8	40.5	29.0	48.0											
	S D	8.766	9.043	8.395	8.171	8.118	6.649	5.774	5.438	7.166	8.771	8.541	9.037	16.705											
	TOTAL OBS	442	459	512	493	502	507	515	520	495	411	446	505	5807											
15-17	MEAN	26.3	29.3	36.4	45.0	54.8	64.5	67.9	66.0	59.9	50.3	39.7	28.8	48.0											
	S D	8.883	8.932	8.359	7.971	7.873	6.827	5.303	5.487	7.207	8.868	8.752	9.328	16.682											
	TOTAL OBS	417	434	476	478	495	487	495	499	474	393	435	472	5555											
18-20	MEAN	22.4	25.4	33.5	42.1	51.9	62.9	65.7	64.2	57.6	47.8	36.7	25.4	44.4											
	S D	9.300	9.233	7.858	7.419	7.443	6.410	5.375	5.113	7.984	8.836	9.034	9.801	17.435											
	TOTAL OBS	339	330	354	343	337	361	336	340	317	250	343	379	4029											
21-23	MEAN	19.8	20.8	30.7	38.7	48.4	59.7	62.3	61.2	54.4	45.3	34.7	22.7	41.1											
	S D	10.304	10.408	7.695	6.875	7.781	6.240	5.855	5.267	8.724	8.514	9.385	10.150	17.555											
	TOTAL OBS	252	229	257	251	232	243	228	235	222	163	220	253	2735											
ALL HOURS	MEAN	22.1	23.8	32.4	41.3	51.2	61.5	64.7	63.0	56.4	47.1	36.7	25.4	44.4											
	S D	10.610	11.476	8.922	8.568	8.663	7.185	6.654	6.412	8.851	9.424	9.395	10.437	17.645											
	TOTAL OBS	2649	2656	2974	2913	2998	3035	3048	3080	2944	2340	2633	2949	34219											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63, 74-76

STATION		STATION NAME												YEARS	
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	12.9	9.7	23.5	31.4	41.9	54.5	57.8	57.7	49.4	39.0	29.9	17.2	35.5	
	S D	14.271	15.333	10.729	8.868	9.682	6.800	7.404	6.133	8.660	9.269	11.082	13.221	19.775	
	TOTAL OBS	187	168	186	180	186	180	186	188	186	122	180	189	2138	
03-05	MEAN	11.8	8.7	22.9	30.9	41.4	54.1	56.9	56.4	48.9	39.2	29.0	16.5	36.4	
	S D	13.996	16.700	10.438	8.931	9.085	7.105	7.674	6.938	9.943	10.101	11.168	12.921	19.701	
	TOTAL OBS	188	170	186	183	234	230	233	233	233	168	181	189	2428	
06-08	MEAN	10.5	12.1	21.3	31.2	43.5	55.8	59.2	57.3	50.4	39.7	28.8	15.1	37.0	
	S D	14.316	15.722	11.013	10.305	9.854	7.206	6.882	7.237	9.920	10.682	10.841	13.595	20.330	
	TOTAL OBS	378	407	492	490	506	513	527	530	513	412	384	447	5599	
09-11	MEAN	13.9	15.8	23.1	32.0	44.1	56.6	60.2	58.9	53.0	42.2	30.7	18.1	38.0	
	S D	13.417	13.645	11.258	10.906	11.300	7.889	7.341	6.851	9.163	10.903	11.019	12.842	19.902	
	TOTAL OBS	446	459	511	495	506	514	528	535	504	421	444	515	5878	
12-14	MEAN	17.3	18.8	24.3	32.0	44.7	56.9	60.9	58.8	53.1	42.6	31.4	20.0	38.9	
	S D	12.679	12.645	11.082	10.663	11.633	8.499	8.065	7.254	9.611	11.744	11.997	13.144	19.251	
	TOTAL OBS	442	459	512	493	502	507	515	520	495	411	446	505	5807	
15-17	MEAN	16.7	19.1	24.6	31.5	44.5	56.7	60.8	58.8	52.9	42.2	30.6	19.6	38.7	
	S D	13.203	12.169	10.864	10.610	11.167	8.870	7.447	7.410	9.698	11.798	12.242	13.668	19.251	
	TOTAL OBS	417	434	476	478	495	487	495	499	474	393	435	472	5555	
18-20	MEAN	13.7	16.1	23.8	30.9	43.6	56.9	60.1	59.2	53.3	42.5	30.4	18.0	37.1	
	S D	13.075	13.032	10.421	10.104	10.146	8.178	7.364	6.561	9.136	11.064	11.541	13.815	19.952	
	TOTAL OBS	338	330	354	343	337	361	336	340	317	250	343	379	4028	
21-23	MEAN	12.2	12.8	24.0	31.6	42.8	56.3	59.3	59.0	52.2	41.7	30.3	16.5	36.0	
	S D	13.892	14.882	10.590	9.422	10.456	7.078	6.965	5.935	9.186	9.953	10.920	13.263	20.288	
	TOTAL OBS	252	229	257	251	232	243	228	235	222	163	220	253	2785	
ALL HOURS	MEAN	14.0	15.2	23.4	31.5	43.6	56.2	59.8	58.4	52.0	41.5	30.3	17.9	37.5	
	S D	13.686	14.347	10.927	10.260	10.686	7.938	7.498	6.996	9.602	11.061	11.463	13.419	19.803	
	TOTAL OBS	2648	2656	2974	2913	2998	3035	3048	3080	2944	2340	2633	2949	34218	

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ TAC

RELATIVE HUMIDITY

04779
STATION

FORT WYFFS AAF MASS
STATION NAME

60-63,74-76
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	98.8	93.4	80.4	61.1	41.5	23.9	11.1	66.3	2649
FEB		100.0	100.0	97.9	88.2	72.3	56.1	41.5	27.8	13.5	65.3	2656
MAR		100.0	99.9	95.0	83.1	69.1	53.9	38.5	25.7	11.9	63.2	2974
APR		100.0	97.7	89.6	75.7	60.5	46.9	33.9	23.3	13.5	59.8	2913
MAY		99.7	98.5	93.1	80.9	66.6	55.9	44.4	32.8	16.2	64.6	2998
JUN		100.0	100.0	97.7	90.0	79.3	64.0	49.7	35.8	14.8	68.9	3035
JUL		100.0	100.0	98.8	92.9	80.5	65.0	51.2	36.7	12.3	69.5	3048
AUG		100.0	100.0	99.5	93.2	81.1	68.8	58.0	44.5	20.6	72.3	3080
SEP		100.0	100.0	99.5	94.6	85.8	75.8	62.6	49.3	26.4	75.3	2944
OCT		100.0	100.0	99.4	93.5	83.2	69.0	55.7	42.4	23.6	72.3	2340
NOV		100.0	99.9	98.4	93.4	83.2	70.5	53.4	36.6	17.3	70.8	2633
DEC		100.0	99.7	98.0	92.3	83.3	69.0	50.6	30.9	11.2	69.1	2949
TOTALS		100.0	99.6	97.1	89.3	77.2	63.0	48.4	34.1	15.9	68.1	34219

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-62, 74-76
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	98.9	96.8	87.2	72.2	51.9	30.5	11.0	70.1	187
	03-05	100.0	100.0	99.5	96.8	88.8	76.1	52.1	28.7	9.0	70.9	188
	06-08	100.0	100.0	100.0	97.9	90.7	74.6	58.2	35.7	11.1	72.5	378
	09-11	100.0	99.8	98.7	93.0	81.6	61.0	42.2	24.2	5.4	66.1	446
	12-14	100.0	100.0	97.7	87.6	67.6	41.0	27.6	15.8	5.9	60.0	442
	15-17	99.8	99.5	97.1	89.2	66.4	42.9	25.7	14.1	6.0	59.7	417
	18-20	100.0	99.7	98.5	92.6	74.9	55.8	31.9	17.7	6.8	63.2	339
	21-23	100.0	99.6	99.6	93.3	86.1	65.1	42.5	24.2	9.1	67.6	252
TOTALS		100.0	99.8	98.8	93.4	80.4	61.1	41.5	23.9	8.1	66.3	2649

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/DAS

RELATIVE HUMIDITY

04779
STATION

FORT DEVERES AAF MASS
STATION NAME

61-63,74-76
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	94.6	81.5	64.3	45.8	33.3	17.5	69.2	168
	03-05	100.0	100.0	99.4	93.5	77.1	71.8	55.3	37.6	18.8	71.7	170
	06-08	100.0	100.0	99.5	95.6	89.2	78.9	59.0	34.9	14.3	72.8	407
	09-11	100.0	100.0	97.2	88.7	72.5	52.3	39.9	23.1	9.4	63.8	459
	12-14	100.0	99.6	95.9	77.3	56.4	41.6	31.2	20.5	9.8	58.9	459
	15-17	100.0	100.0	94.2	77.6	52.1	37.6	27.4	18.0	8.3	57.4	434
	18-20	100.0	100.0	97.6	85.5	63.9	44.2	33.0	23.6	12.4	61.7	330
	21-23	100.0	100.0	99.1	92.6	75.5	58.1	40.6	31.0	16.2	66.8	229
TOTALS		100.0	100.0	97.9	88.2	72.3	56.1	41.5	27.8	13.5	65.3	2656

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1 DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/TAC

RELATIVE HUMIDITY

04779 FORT MEYERS AAF MASS
STATION STATION NAME

61-63,74-76

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	95.2	89.8	79.0	58.1	40.3	19.4	73.2	186
	03-05	100.0	100.0	100.0	98.4	92.5	81.7	67.2	50.0	19.9	76.3	186
	06-08	100.0	100.0	99.6	97.0	87.0	71.1	52.4	34.3	14.4	71.1	492
	09-11	100.0	100.0	95.5	78.7	58.3	38.9	25.8	15.3	5.7	57.4	511
	12-14	100.0	99.2	86.7	63.9	43.2	27.7	18.9	10.5	4.5	51.1	512
	15-17	100.0	99.8	85.5	53.0	42.0	28.6	18.7	10.3	5.7	50.5	476
	18-20	100.0	100.0	94.1	78.5	57.9	38.4	25.1	17.2	9.6	57.8	354
	21-23	100.0	100.0	98.4	95.3	86.0	66.1	41.6	27.6	16.0	68.5	257
TOTALS		100.0	99.9	95.0	83.1	69.6	53.9	38.5	25.7	11.9	63.2	2974

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

51-62,74-76
PERIOD

Apr
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	98.9	85.0	76.7	55.6	33.3	18.9	73.4	180
	03-05	100.0	100.0	100.0	99.5	94.5	85.8	68.9	50.8	25.7	78.1	183
	06-08	100.0	100.0	99.0	94.3	81.2	65.9	44.7	27.1	14.1	68.3	490
	09-11	100.0	98.6	89.5	64.0	40.4	25.5	18.4	14.5	9.7	51.9	495
	12-14	100.0	94.5	74.2	47.9	27.8	21.7	16.8	11.8	6.7	45.9	493
	15-17	100.0	90.8	71.3	45.6	27.6	20.5	14.0	10.3	7.7	44.5	478
	18-20	100.0	97.4	84.3	64.4	41.1	27.7	18.7	15.2	9.9	51.5	343
	21-23	100.0	100.0	98.8	90.8	76.5	51.0	34.3	23.5	15.5	64.9	251
TOTALS		100.0	97.7	89.6	75.7	60.5	46.9	33.9	23.3	13.5	59.8	2913

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/YAC

RELATIVE HUMIDITY

04779
STATION

FORT DEVENIS AAF MASS
STATION NAME

61-62,74-76

PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	98.4	97.8	91.9	84.4	69.9	57.5	23.7	78.3	186
	03-05	100.0	100.0	99.6	98.7	97.4	92.7	82.5	68.4	37.2	83.4	234
	06-08	100.0	99.8	99.4	95.7	86.8	73.1	55.7	36.2	17.4	72.2	506
	09-11	99.6	98.6	91.7	73.1	48.8	33.6	25.9	19.8	8.7	55.6	506
	12-14	99.0	95.8	83.1	59.0	34.9	26.9	21.5	13.5	5.6	49.6	502
	15-17	99.2	95.2	82.2	57.2	37.8	27.5	20.8	12.5	6.3	49.8	495
	18-20	100.0	98.8	91.7	74.5	54.0	40.9	26.7	19.9	13.1	57.6	337
	21-23	100.0	100.0	98.7	90.9	81.0	67.7	52.2	34.5	17.7	70.0	232
TOTALS		99.7	98.5	93.1	80.9	66.6	55.9	44.4	32.8	16.2	64.6	2998

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/11AC

RELATIVE HUMIDITY

04779
STATION

FORT DEVENS AAF MASS
STATION NAME

61-63, 74-76
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.4	99.4	95.0	86.7	66.1	26.1	83.4	180
	03-05	100.0	100.0	100.0	100.0	99.6	99.1	88.7	77.4	40.0	86.4	230
	06-08	100.0	100.0	100.0	99.8	97.7	88.1	68.8	46.2	17.7	77.7	513
	09-11	100.0	100.0	98.6	88.1	70.0	42.6	26.3	15.4	6.0	60.4	514
	12-14	100.0	100.0	93.9	72.4	51.1	27.4	17.0	10.7	4.7	53.4	107
	15-17	100.0	99.6	90.6	72.9	50.1	27.3	16.2	11.7	3.7	53.0	417
	18-20	100.0	100.0	98.1	87.8	69.8	48.0	29.6	17.2	6.6	61.5	361
	21-23	100.0	100.0	100.0	99.6	96.7	84.0	64.2	42.0	13.2	75.7	243
TOTALS		100.0	100.0	97.7	90.0	79.3	64.0	49.7	35.8	14.8	63.9	3035

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

RELATIVE HUMIDITY

04779
STATION

FOOT DEVERNS AAF MASS
STATION NAME

61-63, 74-76
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	98.4	97.8	86.6	68.8	25.3	83.8	186
	03-05	100.0	100.0	100.0	100.0	98.7	98.7	95.3	85.8	39.1	87.8	233
	06-08	100.0	100.0	100.0	100.0	98.9	89.4	70.6	48.0	16.9	78.1	527
	09-11	100.0	100.0	99.4	94.1	72.9	42.4	25.0	13.6	3.4	60.6	528
	12-14	100.0	100.0	96.7	79.2	51.7	28.2	16.7	7.6	2.5	53.7	515
	15-17	100.0	100.0	94.9	79.0	52.5	27.9	14.5	7.3	2.6	53.4	495
	18-20	100.0	100.0	99.4	91.1	73.2	47.0	31.8	16.1	4.2	61.5	336
	21-23	100.0	100.0	100.0	99.6	97.4	88.2	69.3	46.5	12.3	77.2	228
TOTALS		100.0	100.0	98.8	92.9	80.5	65.0	51.2	36.7	13.3	69.5	3048

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04779
STATION

FORT DEVEVS AAF MASS
STATION NAME

61-63,74-76
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	83.5	39.4	88.3	188
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	53.6	91.1	233
	06-08	100.0	100.0	99.8	99.6	98.5	92.6	79.1	56.2	24.9	81.0	530
	09-11	100.0	100.0	100.0	95.0	75.1	47.5	28.2	17.2	6.7	62.3	535
	12-14	100.0	100.0	98.3	80.8	47.1	27.7	16.5	11.7	5.0	54.2	520
	15-17	100.0	100.0	97.8	76.0	47.1	29.3	18.8	12.2	5.8	54.2	499
	18-20	100.0	100.0	100.0	93.8	80.9	55.6	37.4	23.8	7.9	65.5	340
	21-23	100.0	100.0	100.0	100.0	100.0	97.9	85.1	55.3	21.3	82.1	235
TOTALS		100.0	100.0	99.5	93.2	81.1	68.8	58.0	44.5	20.6	72.3	3080

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

04779
STATION

FURT WEVERS AAF MASS
STATION NAME

51-63, 74-76

PERIOD

SEP
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.8	85.5	48.4	88.8	186
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	96.1	89.7	54.5	90.0	233
	06-08	100.0	100.0	100.0	100.0	99.2	96.3	89.3	71.5	35.7	85.2	513
	09-11	100.0	100.0	99.8	97.4	81.2	59.9	37.5	24.0	13.1	66.8	504
	12-14	100.0	100.0	98.6	79.8	54.9	39.0	22.4	16.4	9.1	57.8	495
	15-17	100.0	100.0	97.7	80.8	59.7	40.1	21.1	15.6	9.1	58.3	474
	18-20	100.0	100.0	100.0	98.7	91.5	72.2	49.8	27.8	13.2	71.1	317
	21-23	100.0	100.0	100.0	100.0	100.0	99.5	87.8	64.0	28.4	84.3	222
TOTALS		100.0	100.0	99.5	94.6	85.8	75.8	62.6	49.3	26.4	75.3	2944

USAFETAC

FORM 101-A4

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04779 FORT DEVELS AAF MASS
STATION STATION NAME

60-62,74-76
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	94.3	86.1	77.9	63.9	37.7	81.5	122
	03-05	100.0	100.0	100.0	98.2	97.6	92.3	82.7	68.5	45.2	84.3	168
	06-08	100.0	100.0	99.8	99.0	97.3	91.5	76.5	59.0	28.2	81.1	412
	09-11	100.0	100.0	100.0	97.1	78.6	55.1	39.4	26.4	13.8	66.6	421
	12-14	100.0	99.8	98.5	76.6	56.0	36.3	24.6	17.8	11.2	57.7	411
	15-17	100.0	100.0	97.2	79.9	56.7	38.2	24.4	17.6	10.9	58.0	393
	18-20	100.0	100.0	100.0	98.0	89.6	68.4	45.6	28.0	14.4	70.2	250
	21-23	100.0	100.0	100.0	98.8	95.1	84.0	74.8	57.7	27.6	79.3	163
TOTALS		100.0	100.0	99.4	93.5	83.2	69.0	55.7	42.4	23.6	72.3	2340

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ETAC

RELATIVE HUMIDITY

04779
STATION

FORT WHEELS AAF MASS
STATION NAME

60-62, 74-76
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	97.2	91.1	71.7	53.3	25.6	79.2	180
	03-05	100.0	100.0	100.0	100.0	98.3	89.5	72.4	56.4	29.8	80.1	181
	06-08	100.0	100.0	100.0	100.0	99.5	87.8	74.0	52.9	22.1	79.1	384
	09-11	100.0	100.0	99.5	93.9	79.3	62.8	41.2	26.6	12.2	67.1	444
	12-14	100.0	99.8	93.5	78.7	55.2	41.3	28.0	19.1	10.3	58.3	446
	15-17	100.0	99.1	94.0	80.2	55.4	41.1	28.5	17.2	8.7	58.2	435
	18-20	100.0	100.0	100.0	95.6	84.8	65.0	44.6	22.4	11.4	68.1	343
	21-23	100.0	100.0	100.0	98.6	95.5	85.0	66.4	45.0	18.6	76.6	220
TOTALS		100.0	99.9	98.4	93.4	83.2	70.5	53.4	36.6	17.3	70.8	2633

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING PRAC
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

04779 FORT DEVENIS AAF MASS
STATION STATION NAME

60-62,74-76
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	97.9	92.1	84.7	67.2	40.7	16.4	75.8	189
	03-05	100.0	100.0	100.0	100.0	95.8	47.3	71.4	48.1	14.8	77.2	189
	06-08	100.0	100.0	100.0	96.9	92.6	81.0	63.8	37.6	10.7	73.7	447
	09-11	100.0	100.0	98.3	93.0	81.0	62.9	43.7	20.4	6.4	66.1	515
	12-14	100.0	98.6	94.7	83.4	67.1	44.4	27.7	16.0	5.7	59.3	503
	15-17	100.0	99.6	94.1	81.1	66.9	46.8	32.0	21.0	9.3	60.9	472
	18-20	100.0	99.7	97.6	90.0	81.8	66.2	45.9	26.6	12.4	67.5	379
	21-23	100.0	100.0	99.6	96.4	89.3	78.7	53.0	36.8	13.8	72.6	253
TOTALS		100.0	99.7	98.0	92.3	83.3	69.0	50.6	30.9	11.2	69.1	2949

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

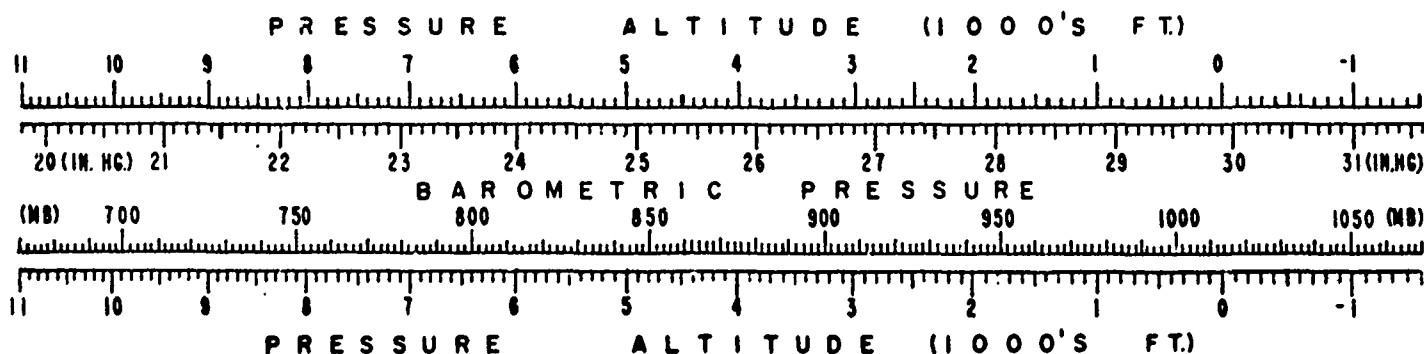
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63, 74-76

STATION		STATION NAME												YEARS											
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
01	MEAN	29.722	29.699	29.653	29.594	29.725	29.652	29.624	29.658	29.749	29.671	29.722	29.653	29.677											
	S D	.304	.303	.246	.271	.194	.194	.159	.160	.211	.199	.301	.311	.247											
	TOTAL OBS	62	56	62	60	62	60	62	63	62	41	60	63	713											
04	MEAN	29.729	29.699	29.645	29.585	29.727	29.650	29.619	29.648	29.741	29.649	29.724	29.653	29.673											
	S D	.300	.299	.248	.275	.190	.197	.166	.169	.208	.225	.303	.307	.249											
	TOTAL OBS	62	56	62	60	63	60	62	63	52	43	60	63	716											
07	MEAN	29.740	29.703	29.671	29.584	29.711	29.694	29.657	29.740	29.767	29.742	29.695	29.702	29.700											
	S D	.276	.310	.279	.260	.203	.194	.166	.161	.196	.246	.283	.322	.248											
	TOTAL OBS	140	146	165	165	169	171	176	173	172	140	164	162	1952											
10	MEAN	29.764	29.721	29.673	29.571	29.699	29.686	29.654	29.737	29.768	29.745	29.714	29.726	29.704											
	S D	.276	.299	.282	.256	.203	.194	.166	.159	.195	.234	.282	.321	.248											
	TOTAL OBS	147	154	164	165	169	171	176	178	169	149	171	17	1985											
13	MEAN	29.697	29.673	29.630	29.536	29.666	29.660	29.620	29.714	29.735	29.698	29.665	29.6	29.664											
	S D	.281	.273	.277	.255	.197	.192	.162	.154	.195	.234	.279	.312	.243											
	TOTAL OBS	148	151	164	164	169	171	173	173	168	147	170	158	1966											
16	MEAN	29.707	29.664	29.617	29.521	29.647	29.649	29.607	29.689	29.715	29.694	29.667	29.668	29.653											
	S D	.285	.264	.274	.252	.183	.186	.158	.146	.195	.225	.274	.307	.239											
	TOTAL OBS	142	147	148	159	164	160	164	163	157	139	167	161	1871											
19	MEAN	29.756	29.701	29.652	29.551	29.705	29.635	29.624	29.578	29.728	29.681	29.691	29.693	29.676											
	S D	.273	.275	.257	.244	.190	.171	.146	.155	.201	.227	.277	.315	.247											
	TOTAL OBS	126	115	113	104	87	102	88	88	82	71	152	146	1274											
22	MEAN	29.731	29.731	29.650	29.568	29.737	29.655	29.647	29.696	29.744	29.667	29.737	29.670	29.686											
	S D	.280	.287	.260	.263	.194	.173	.142	.160	.207	.221	.288	.314	.243											
	TOTAL OBS	84	76	86	84	85	84	83	86	80	63	82	84	977											
ALL HOURS	MEAN	29.731	29.696	29.649	29.559	29.694	29.665	29.635	29.706	29.745	29.706	29.695	29.686	29.680											
	S D	.282	.287	.270	.258	.197	.189	.160	.159	.199	.232	.283	.314	.246											
	TOTAL OBS	911	901	964	961	968	979	984	987	952	802	1026	1019	11454											

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

04779 FORT DEVENS AAF MASS

60-63,74-76

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1017.7	1016.9	1015.2	1012.7	1017.1	1014.5	1013.5	1014.7	1017.9	1015.6	1017.5	1015.3	1015.7	
	S D	10.373	10.312	8.366	9.308	6.662	6.683	5.450	5.575	7.207	6.766	10.202	10.584	8.452	
	TOTAL OBS	62	56	62	60	62	60	62	63	62	41	60	63	713	
04	MEAN	1017.9	1016.9	1014.9	1012.4	1017.2	1014.4	1013.4	1014.4	1017.6	1014.8	1017.6	1015.3	1015.6	
	S D	10.210	10.193	8.472	9.437	6.541	6.775	5.691	5.850	7.074	7.694	10.331	10.446	8.526	
	TOTAL OBS	62	56	62	60	63	60	62	63	62	43	60	63	716	
07	MEAN	1018.0	1016.6	1015.3	1012.1	1016.4	1015.7	1014.4	1017.2	1018.3	1017.6	1015.7	1016.6	1016.1	
	S D	9.420	10.533	9.582	8.916	6.976	6.539	5.691	5.471	6.797	8.038	9.740	10.987	8.476	
	TOTAL OBS	140	146	164	164	169	171	174	173	172	149	155	162	1939	
10	MEAN	1018.6	1017.2	1015.4	1011.7	1016.0	1015.4	1014.3	1017.1	1018.3	1017.6	1016.4	1017.3	1016.2	
	S D	9.755	10.196	9.591	8.732	7.003	6.533	5.674	5.415	6.668	7.944	9.657	10.963	8.497	
	TOTAL OBS	149	154	164	164	169	171	176	178	169	148	162	172	1976	
13	MEAN	1016.2	1015.4	1014.0	1010.5	1014.8	1014.5	1013.5	1016.3	1017.1	1016.0	1014.9	1015.5	1014.9	
	S D	9.621	9.517	9.441	8.679	6.778	6.496	5.548	5.262	6.668	7.834	9.534	10.635	8.286	
	TOTAL OBS	147	152	164	165	169	171	173	173	168	146	162	168	1958	
16	MEAN	1016.8	1015.2	1013.5	1009.8	1014.2	1014.2	1012.7	1015.5	1016.5	1015.7	1014.9	1015.3	1014.5	
	S D	9.752	9.103	9.325	8.638	6.336	6.272	5.404	4.954	6.628	7.692	9.363	10.439	8.161	
	TOTAL OBS	142	147	148	158	164	160	164	164	157	139	161	161	1865	
19	MEAN	1018.4	1016.6	1014.9	1011.2	1016.4	1013.9	1013.6	1015.4	1017.2	1015.8	1015.9	1016.2	1015.5	
	S D	9.258	9.446	8.686	8.278	6.532	5.822	4.968	5.362	6.856	7.697	9.356	10.704	8.411	
	TOTAL OBS	125	115	113	104	87	102	88	88	82	70	146	146	1266	
22	MEAN	1017.9	1018.0	1015.1	1011.7	1017.6	1014.6	1014.4	1016.1	1017.8	1015.4	1017.7	1015.8	1016.0	
	S D	9.548	9.741	8.845	8.992	6.597	5.907	4.876	5.559	7.048	7.634	9.816	10.671	8.291	
	TOTAL OBS	84	76	86	84	85	84	83	86	80	62	76	84	970	
ALL HOURS	MEAN	1017.6	1016.4	1014.7	1011.3	1015.9	1014.8	1013.7	1016.2	1017.6	1016.4	1016.0	1016.0	1015.5	
	S D	9.670	9.844	9.204	8.813	6.787	6.394	5.488	5.431	6.803	7.809	9.660	10.703	8.398	
	TOTAL OBS	911	902	963	959	968	979	982	988	952	798	982	1019	11403	